

## **Historic, Archive Document**

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# MICHELL'S BULBS

## 1925



### *Michell's Superb* DARWIN TULIPS

1—**Clara Butt.** Doz. 75c; \$4.50 per 100; per 1000, \$35.00.  
2—**Mme. Krelage.** Doz. \$1.00 \$6.00 per 100; per 1000, \$50.00  
3—**La Candeur.** Doz. 90c; \$5.50 per 100; per 1000, \$44.00  
4—**Mr. Farncombe Sanders.** Doz. \$1.00; \$6.00 per 100; per 1000, \$50.00.  
5—**Phillippe de Communes.** Doz. 90c; \$5.50 per 100; per 1000, \$45.00.  
6—**La Tulip Noire.** Doz. \$1.00, \$6.00 per 100; per 1000, \$50.00  
If wanted by Parcel Post, add 20c per doz., 50c per 100, postage  
See body of this catalog for other varieties of Darwin Tulips; refer to index

HENRY F. MICHELL CO. 518-516 MARKET ST. PHILA., PA.

## NOTICE TO CUSTOMERS OUTSIDE OF THE UNITED STATES

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in par U. S. Funds.

### BUSINESS TERMS

We especially invite **Charge Accounts**, which is more convenient than to remit for each order at the time it is sent us. When sending your first charge order, please send us the names and addresses of two or more business houses with whom you have had past or present credit relations.

### REGARDS C. O. D. SHIPMENTS

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders can be accepted where the amount is less than \$1.00.

### SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

### PACKING CHARGES

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged. Any extra charges over actual postage on Parcel Post orders is for extra packing required.

### FORWARDING SERVICE

We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item, or consult your Post Office for rates.

Parcel Post weight limits are 70 lbs. in 1st, 2d and 3d zone; in all other zones 50 lbs.

All Plants, Roots and Bulbs are forwarded by Express (or parcel post when possible) purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs unless otherwise noted.

To all points east of the Mississippi River, 15 per cent. extra to cover postage and packing charges.

To all points west of the Mississippi River, 25 per cent. extra.

Poisons cannot be sent by parcel post.

### PLEASE NOTE CHANGES IN POSTAL RATES

On sundries or other merchandise (not including Seeds, Bulbs, Roots or Plants) not exceeding eight (8) ounces in weight, the postage charge is 1¢, for each two (2) ounces or fraction thereof. On seeds, bulbs, roots, plants, sundries, etc., weighing over eight (8) ounces in addition to the regular postage, there is to be added an additional 2¢, to each package as a service charge.

If Special Delivery is wanted an additional 10¢ is required on packages weighing up to two (2) pounds—15¢, on packages weighing more than two (2) pounds and up to ten (10) pounds—20¢, on packages weighing more than ten (10) pounds.

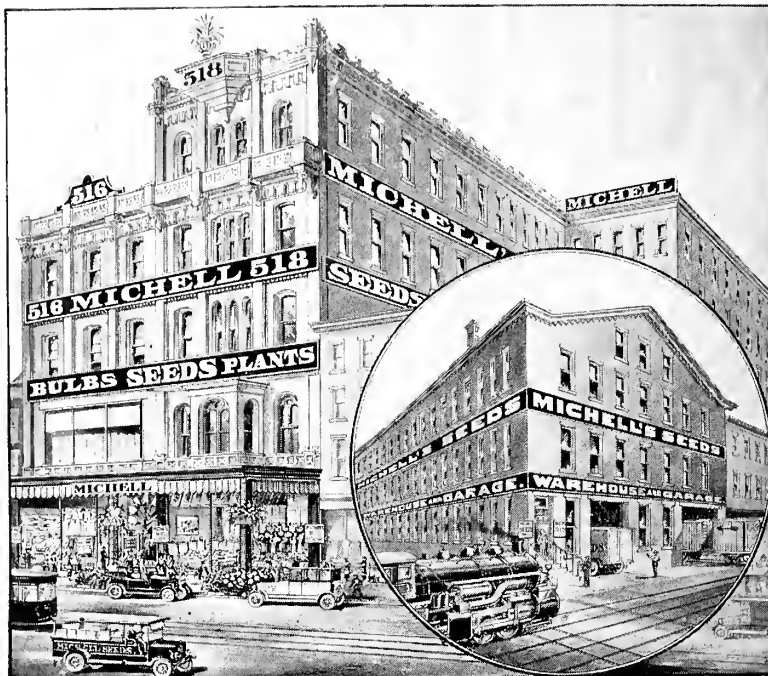
If it is desired that a package be given the same dispatch as first class mail it requires an additional 25 cents to the amounts as stated above, which is called a "Special Handling" rate.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

**SAFE ARRIVAL.**—We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no express or freight agent, to such points the purchaser must assume any claim for loss or damage.

### CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods. No responsible seedsman can give a warranty.



**LOCAL DELIVERY.**—Our automobile service covers most of Philadelphia, free delivery being confined to the following districts bounded as follows:

**East.**—Delaware Ave., in central downtown.

**East.**—Fox Chase, Lawndale, Kensington, Frankford, uptown.

**North.**—City Line in the Old York Road district.

**North.**—City Line in the Germantown and Chestnut Hill district.

**Northwest.**—Bala, Cynwyd, Wynnefield and Overbrook (Larch's Lane).

**West.**—69th Street, Upper Darby (Bywood, Drexel Hill, Stonehurst, Highland Park).

**South.**—League Island, Front to 69th Street.

**Ridge Ave. District.**—Falls of Schuylkill, Roxborough, Manayunk.

Also note that we do not guarantee to maintain a daily delivery to these points. Please note the free delivery service does not include bulky quantities of fertilizers in over ¼ ton quantities. Special arrangements can however be made for delivery of these.

Shipment of goods can also be made by package service from Market and Chestnut St. Ferries, Broad St. Station, Reading Terminal and B. & O. R. R., at 24th and Chestnut Sts.

The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12¢.	40 lbs. to 55 lbs., 30¢.
10 lbs. to 25 lbs., 18¢.	56 lbs. to 70 lbs., 36¢.
25 lbs. to 40 lbs., 24¢.	71 lbs. to 85 lbs., 42¢.
	86 lbs. to 100 lbs., 48¢.

Shipments weighing more cannot be sent via Package Service, nor can bulky goods or shipments that are odorous or that otherwise affect other merchandise handled by this service be accepted.



Please note parcels post charges quoted by us are for delivery in the United States only.

HENRY F. MICHELL { PRESIDENT  
SECRETARY

# HENRY F. MICHELL CO.

FRED'K J. MICHELL { VICE PRESIDENT  
TREASURER

SEEDS BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS,  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.

WAREHOUSES { 509-11-13 LUDLOW ST.  
AMERICAN AND GAUPHIN STS.

518-516 MARKET ST., PHILA.  
NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

BELL AND KEYSTONE  
TELEPHONES





Check  
column

Quantity

ARTICLES WANTED

AMOUNT FORWARD

PRICE

DOLLARS CENTS

(SEE OTHER SIDE)

**Implements, Sundries,  
Etc.—*Con.***

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Zementine.....	65
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# MICHELL'S SUPERB NAMED HYACINTHS

**CULTURAL DIRECTIONS FOR HYACINTHS.**—For **Outdoors** plant in October and November in soil composed of 1-3 sand, 1-3 cow or sheep manure, and 1-3 good garden soil. Plant bulbs so that the top will be 3 or 4 inches below the surface and 6 to 8 inches apart. After the ground has frozen, cover with litter, leaves or coarse manure.

For **Pots** use same soil as directed above and plant any time from September to December, using a 4 or 5 inch pot for single bulbs, or several bulbs may be planted in a larger pot or bulb pan. After planting, water well and bury the pots outdoors to the depth of 6 inches for eight weeks. After this remove to a cool room.

For **Glasses** the single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark about 8 weeks, and then remove to a light, cool place.

## NAMED EXHIBITION HYACINTHS

A selection of the largest possible bulbs to be obtained and will produce extra large, well filled spikes; we offer them in single varieties only.

If wanted by Parcel Post, add 35c. per doz. for postage.

	Each	Doz.	100
Gertrude. Deep rose.....	\$0.35	\$3.50	\$22.00
Grand Maitre. Porcelain blue.....	.35	3.50	22.00
King of Blues. Deep blue.....	.35	3.50	22.00
Lady Derby. Delicate pink.....	.35	3.50	22.00
La Grandesse. Snow white.....	.35	3.50	22.00
La Victoire. Bright scarlet.....	.35	3.50	22.00
Marconi. Red shaded white.....	.35	3.50	22.00
Perle Brillante. Light blue.....	.35	3.50	22.00
Queen of Pinks. Brilliant pink.....	.35	3.50	22.00
Roi des Belges. Deep red.....	.35	3.50	22.00
Yellow Hammer. Pure yellow.....	.35	3.50	22.00

## SINGLE FIRST SIZE HYACINTHS

These are especially desirable for growing in pots or glasses, or for high grade bedding.

If wanted by Parcel Post, add 30c. per doz. for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....	\$0.30	\$3.00	\$20.00
Gertrude. Deep rose.....	.30	3.00	20.00
Gigantea. Flesh pink.....	.30	3.00	20.00
Grand Maitre. Bright porcelain blue.....	.30	3.00	20.00
King of Blues. Deep blue.....	.30	3.00	20.00
King of Yellows. Orange yellow.....	.30	3.00	20.00
Lady Derby. Delicate pink.....	.30	3.00	20.00
La Grandesse. Snow white.....	.30	3.00	20.00
La Victoire. Bright scarlet.....	.30	3.00	20.00
L'Innocence. Pure white.....	.30	3.00	20.00
Marconi. Red Shaded white.....	.30	3.00	20.00
Moreno. Bright pink.....	.30	3.00	20.00
Perle Brillante. Light blue.....	.30	3.00	20.00
Queen of Pinks. Brilliant pink.....	.30	3.00	20.00
Queen of the Blues. Silvery blue.....	.30	3.00	20.00
Roi des Belges. Deep red.....	.30	3.00	20.00
Yellow Hammer. Pure Yellow.....	.30	3.00	20.00

## SECOND SIZE SINGLE HYACINTHS

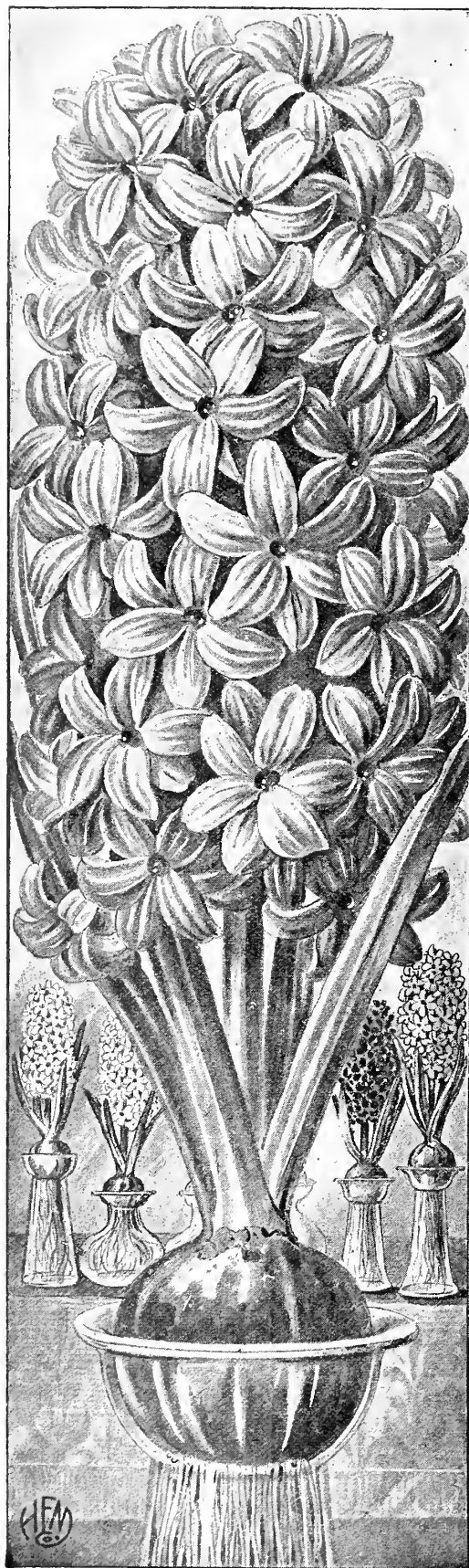
For bedding, the second size named Hyacinths are ideal, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

If wanted by Parcel Post, add 25c. per doz., 85c. per 100 for postage.

	Each	Doz.	100
City of Haarlem. Golden yellow.....	\$0.25	\$2.50	\$16.00
Gertrude. Deep rose.....	.25	2.50	16.00
Gigantea. Flesh pink.....	.25	2.50	16.00
Grand Maitre. Bright porcelain blue.....	.25	2.50	16.00
King of Blues. Deep blue.....	.25	2.50	16.00
King of Yellows. Orange yellow.....	.25	2.50	16.00
Lady Derby. Delicate pink.....	.25	2.50	16.00
La Grandesse. Pure white.....	.25	2.50	16.00
La Victoire. Bright scarlet.....	.25	2.50	16.00
L'Innocence. Pure white.....	.25	2.50	16.00
Marconi. Red shaded white.....	.25	2.50	16.00
Moreno. Bright pink.....	.25	2.50	16.00
Nimrod. Deep rose.....	.25	2.50	16.00
Perle Brillante. Light blue.....	.25	2.50	16.00
Queen of Pinks. Brilliant pink.....	.25	2.50	16.00
Queen of the Blues. Silvery blue.....	.25	2.50	16.00
Roi des Belges. Deep red.....	.25	2.50	16.00
Yellow Hammer. Pure yellow.....	.25	2.50	16.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oa)



# MICHELL'S SUPERB HYACINTHS

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## THIRD SIZE SINGLE HYACINTHS

These are excellent for high class bedding effects.

If wanted by Parcel Post, add 20c. per doz., 75c. per 100, for postage.

	Each	Doz.	100	1000
City of Haarlem. Golden yellow.	\$0.20	\$2.00	\$13.50	\$120.00
Gertrude. Deep rose.	.20	2.00	13.50	120.00
Gigantea. Flesh pink.	.20	2.00	13.50	120.00
Grand Maitre. Bright porcelain.	.20	2.00	13.50	120.00
King of the Blues. Deep blue.	.20	2.00	13.50	120.00
Lady Derby. Delicate pink.	.20	2.00	13.50	120.00
La Victoire. Bright scarlet.	.20	2.00	13.50	120.00
L'Innocence. Pure white.	.20	2.00	13.50	120.00
Marconi. Red shaded white.	.20	2.00	13.50	120.00
Perle Brilliant. Light blue.	.20	2.00	13.50	120.00
Queen of the Blues. Silvery blue.	.20	2.00	13.50	120.00
Queen of Pinks. Brilliant pink.	.20	2.00	13.50	120.00
Roi des Belges. Deep red.	.20	2.00	13.50	120.00

## DOUBLE FIRST SIZE HYACINTHS

If wanted by Parcel Post, add 30c. per doz. for postage.

	Each	Doz.	100
Blocksberg. Light blue.	\$0.30	\$3.00	\$20.00
Bouquet Tendre. Dark carmine.	.30	3.00	20.00
Delicata. Pale blue.	.30	3.00	20.00
Garrick. Blue, dark center.	.30	3.00	20.00
Lord Wellington. Rich pink.	.30	3.00	20.00
Prince of Waterloo. Pure white.	.30	3.00	20.00
Sunflower. Pure yellow.	.30	3.00	20.00



Miniature or Dutch Roman Hyacinths

## CHRISTMAS FLOWERING DUTCH ROMAN HYACINTHS

(Ready in August)

These specially prepared Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season.

If wanted by Parcel Post, add 20c. per doz., 60c. per 100, for postage.

	Each	Doz.	100
Bismarck. Lavender blue.	\$0.20	\$1.75	\$12.00
Garibaldi. Brilliant carmine.	.20	1.75	12.00
Gertrude. Deep pink.	.20	1.75	12.00
L'Innocence. Pure white.	.20	1.75	12.00
Moreno. Bright pink.	.20	1.75	12.00
Nimrod. Deep rose.	.20	1.75	12.00
Yellow Hammer. Pure yellow.	.20	1.75	12.00

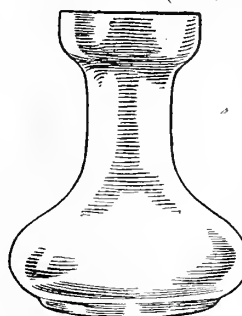
## CHOICE BEDDING HYACINTHS (Unnamed) SINGLE AND DOUBLE FLOWERING

If wanted by Parcel Post, add 20c. per doz., 75c. per 100, for postage.

	Each	Doz.	100	1000
Deep Pink.	\$0.20	\$1.75	\$12.00	\$100.00
Dark Red.	.20	1.75	12.00	100.00
Pure White.	.20	1.75	12.00	100.00
Light Blue.	.20	1.75	12.00	100.00
Deep Blue.	.20	1.75	12.00	100.00
Yellow.	.20	1.75	12.00	100.00
Mixed. All colors.	.20	1.75	12.00	100.00

## HYACINTH GLASSES

(Not Mailable)

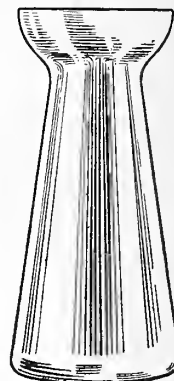


Tye or Low Pattern

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.

Belgian. In assorted colors. 40c. each; doz., \$4.00.

Tye or Low Pattern. Heavier than the above style. 40c. each; doz., \$4.00.



Belgian Style

## FRENCH ROMAN HYACINTHS

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

Easily grown in pots or pans; if bulbs are potted in August or September, the pots plunged in the open ground for a month, until well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of flowers may be had, by bringing in a few pots or pans at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large for six bulbs. They are not hardy and are not suitable for outdoor planting.

If wanted by Parcel Post, add 20c. per doz., 75c. per 100, for postage.

	Each	Doz.	100
White. Extra select, size 12-15 cm.	\$0.20	\$2.25	\$16.00
" Mammoth, 13-15 cm.	.25	2.50	17.50
Light Blue.	.20	1.75	12.00
Light Pink.	.20	1.75	12.00
White Italian.	.20	1.75	12.00

## MINIATURE, OR DUTCH ROMAN HYACINTHS

Excellent for growing in pans, boxes or pots, blooming early and freely.

If wanted by Parcel Post, add 20c. per doz., 60c. per 100, for postage.

	Each	Doz.	100	1000
Gertrude. Deep pink.	\$0.15	\$1.50	\$10.00	\$85.00
Gigantea. Light pink.	.15	1.50	10.00	85.00
Grand Maitre. Bright blue.	.15	1.50	10.00	85.00
King of the Blues. Deep blue.	.15	1.50	10.00	85.00
Lady Derby. Delicate pink.	.15	1.50	10.00	85.00
La Grandesse. Pure white.	.15	1.50	10.00	85.00
La Victoire. Beautiful bright scarlet.	.15	1.50	10.00	85.00
L'Innocence. Pure white.	.15	1.50	10.00	85.00
Marconi. Bright red, shaded white.	.15	1.50	10.00	85.00
Nimrod. Clear pink.	.15	1.50	10.00	85.00
Perle Brillante. Light blue.	.15	1.50	10.00	85.00
Queen of the Blues. Silvery blue.	.15	1.50	10.00	85.00
Roi des Belges. Fine deep crimson.	.15	1.50	10.00	85.00
Yellow Hammer. Pure yellow.	.15	1.50	10.00	85.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oa)



# MICHELL'S SUPERB LILY BULBS



## MICHELL'S EASTER LILY BULBS

### For Indoor Culture

**Cultural Note.**—In order to obtain best results, attention to the following directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high, then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time will stimulate the plant wonderfully. Thorough rooting is the most essential point



### LILIUM HARRISII

#### (The Bermuda Easter Lily)

	Each	Doz.	By P. P.	100
6 to 7 inches circum.....	\$0.30	\$3.25	\$3.45	\$22.00
7 to 9 inches circum.....	.50	5.00	5.30	35.00
9 to 11 inches circum.....	.85	9.00	9.40	65.00
11 to 13 inches circum.....	1.50	15.00	15.50	115.00

### LILIUM FORMOSUM

#### (The Formosa Easter Lily)

##### Dark Stemmed Type

	Each	Doz.	By P. P.	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$4.30	\$30.00
8 to 10 inches circum.....	.50	5.00	5.35	37.50
9 to 10 inches circum.....	.60	6.00	6.40	45.00
10 to 12 inches circum.....	1.00	10.00	10.50	75.00

### LILIUM LONGIFLORUM GIGANTEUM

#### (True)

	Each	Doz.	By P. P.	100
7 to 9 inches circum.....	\$0.40	\$4.00	\$4.30	\$30.00
8 to 10 inches circum.....	.50	5.00	5.35	37.50
9 to 10 inches circum.....	.60	6.00	6.40	45.00
10 to 12 inches circum.....	1.00	10.00	10.50	75.00

### REGALE LILY

#### (Lilium Myriophyllum)

Discovered not many years ago in the mountains of China, by Professor Wilson of the Arnold Arboretum of Boston, Mass. It is one of the most beautiful and satisfactory of all garden lilies, perfectly hardy. Of late years some private gardeners have adopted it as a forcing variety and it has more than made good. Color pure waxy white, with a lemon yellow throat, with a trumpet about 6 inches long and when the flower is fully developed it is about 7 inches across. 75c. each; doz., \$8.00 (by P. P., \$8.40); \$60.00 per 100.

### LILIUM CANDIDUM

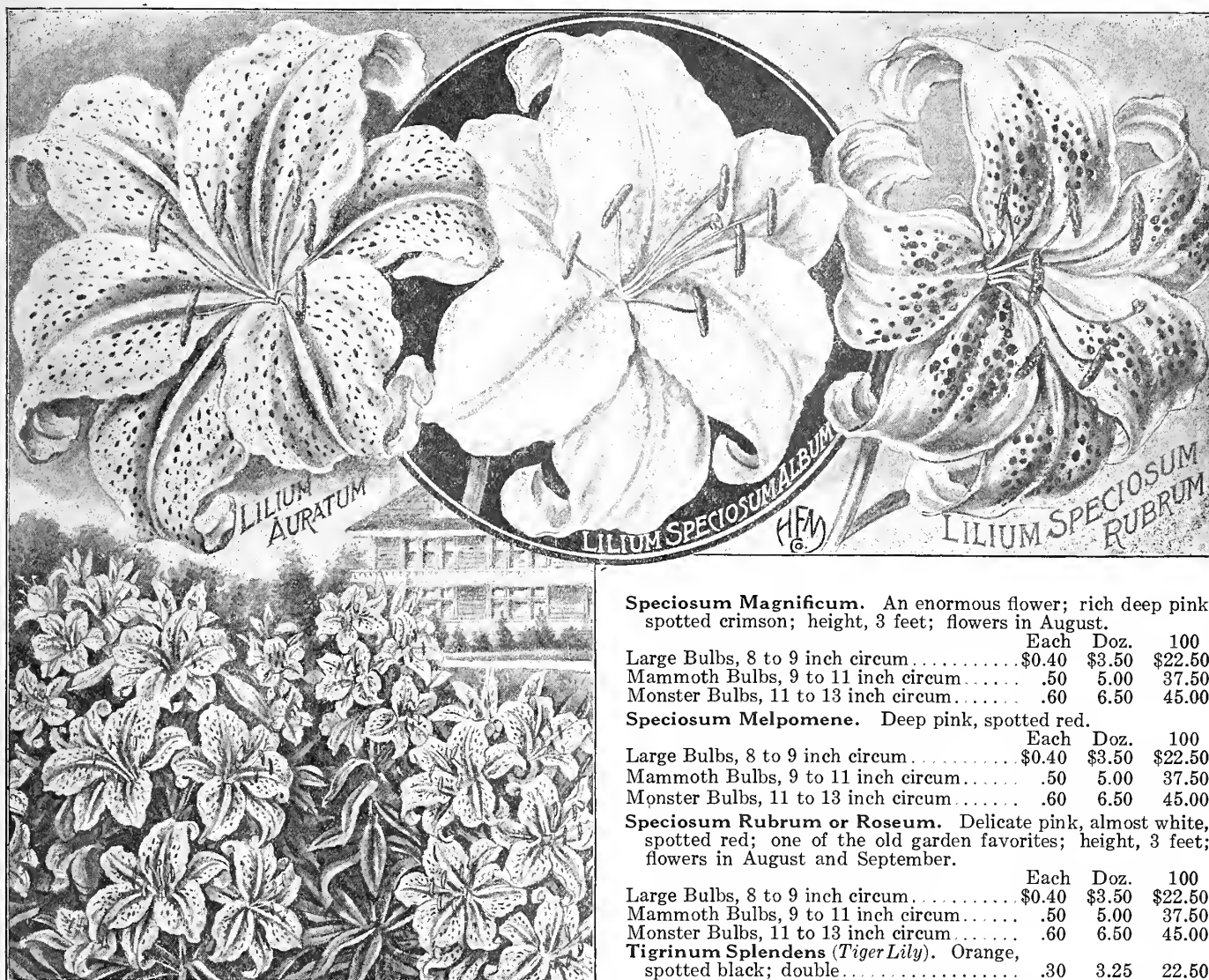
#### (Madonna Lily)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems, bearing anywhere from 10 to 30 blooms of good size and substance, and delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	By P. P.	100
First Size Bulbs, 18-20 ctm.....	\$0.30	\$3.00	\$3.30	\$17.50
Mammoth Bulbs, 20-22 ctm.....	.40	3.50	3.90	25.00
Giant Bulbs, 22-24 ctm.....	.50	5.00	5.50	32.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oa)



**Cultural Directions.**—All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep; the bulbs should be completely enveloped in sand; no manure should come in contact with the bulbs, but may be placed 4 to 6 inches underneath. All loose petaled bulbs should be planted on their side instead of upright. Cover with leaves or litter during winter. Hardy Lilies are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lilies.

If Lily Bulbs are wanted by Parcel Post add 50c. per doz. for postage.

## JAPANESE LILIES

**Auratum (Golden Banded Lily).** Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.40	\$3.50	\$22.50
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.00	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Album.** The best late flowering pure white hardy garden lily; of easy culture. The graceful stems and foliage are set off to wonderful advantage by the pure white blooms.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.40	\$4.00	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.65	6.50	45.00
Monster Bulbs, 10 to 12 inch circum.....	.80	8.00	60.00

**Speciosum Magnificum.** An enormous flower; rich deep pink spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.40	\$3.50	\$22.50
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.00	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Melpomene.** Deep pink, spotted red.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.40	\$3.50	\$22.50
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.00	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00

**Speciosum Rubrum or Roseum.** Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.40	\$3.50	\$22.50
Mammoth Bulbs, 9 to 11 inch circum.....	.50	5.00	37.50
Monster Bulbs, 11 to 13 inch circum.....	.60	6.50	45.00
<b>Tigrinum Splendens (Tiger Lily).</b> Orange, spotted black; double.....	.30	3.25	22.50
<b>Tigrinum Splendens.</b> Single.....	.30	3.25	22.50

## MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	100
<b>Batemanni.</b> Apricot colored; 3 feet; July.....	\$0.45	\$4.00	
<b>Brownii.</b> White inside, outside brown.....	.75	7.50	
<b>Hansoni.</b> Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster.....	.75	7.50	
<b>Henryi (Yellow Speciosum Lily).</b> Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion.....	.75	7.50	
<b>Krameri.</b> Blush pink; 3 feet; August.....	.60	4.50	
<b>Macranthum.</b> Giant Golden Banded Lily.....	.75	7.00	
<b>Wittei.</b> Very fragrant; white, yellow band.....	.85	8.00	

## AMERICAN OR NATIVE LILIES

	Each	Doz.	100
<b>Canadense (Canadian Bellflower Lily).</b> Bright yellow flowers, spotted black inside; June and July; 2 feet.....	\$0.25	\$2.00	\$15.00
<b>Canadense Rubrum.</b> Same type as above; crimson with black spots.....	.40	3.50	25.00
<b>Davuricum.</b> Upright scarlet flowers.....	.20	1.75	10.00
<b>Elegans Bicolor.</b> Bright red flushed pink.....	.45	4.00	25.00
<b>Elegans, Leonard Joerg.</b> Rich apricot pink.....	.30	3.00	17.50
<b>Superbum (Turks' Cap Lily).</b> Grows from 3 to 6 feet high and produces from 15 to 25 orange red flowers on a stalk.....	.40	4.00	25.00
<b>Tenuifolium (Coral Lily).</b> Brilliant scarlet.....	.30	3.00	20.00
<b>Wallacei.</b> Bright apricot.....	.20	2.00	12.00



# MICHELL'S SUPERB NARCISSUS or DAFFODILS

No garden is complete without the Narcissus or Daffodil, and they really deserve the foremost place among bulbous flowers. They are perfectly hardy and increase from year to year. As a house bulb in winter, they are indispensable and of the easiest culture.

**Culture.** Owing to the various sizes of the bulbs of different varieties, we cannot advisably give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house culture 3 or 4 bulbs can be put in a 5 inch or 6 inch pan or pot and given the same treatment as Hyacinths.



## SPRING GLORY



### GIANT TRUMPET VARIETIES

The figures prefixed before the variety denotes the height.

If wanted by Parcel Post, add 20c. per doz., 60c. per 100, for postage.

- 18 **Bicolor Victoria.** Trumpet golden yellow; perianth creamy white; early.
- |                       |        |        |                |
|-----------------------|--------|--------|----------------|
| Per 3                 | Doz.   | 100    | 1000           |
| First Size Bulbs..... | \$0.30 | \$1.10 | \$7.00 \$60.00 |
| Monster Bulbs.....    | .40    | 1.35   | 9.25 85.00     |
- 16 **Cervantes.** A fine variety; very early; excellent for forcing; pale yellow trumpet.
- |                       |        |        |                |
|-----------------------|--------|--------|----------------|
| Per 3                 | Doz.   | 100    | 1000           |
| First Size Bulbs..... | \$0.35 | \$1.10 | \$7.00 \$60.00 |
| Monster Bulbs.....    | \$0.40 | 1.35   | 9.25 85.00     |
- 18 **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow.
- |                       |        |        |                |
|-----------------------|--------|--------|----------------|
| Per 3                 | Doz.   | 100    | 1000           |
| First Size Bulbs..... | \$0.35 | \$1.10 | \$6.75 \$58.00 |
| Monster Bulbs.....    | .45    | 1.50   | 10.00 87.50    |
- 15 **Giant Princes.** Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. (Large double-nosed bulbs.) 3 for 35c.; \$1.10 per doz.; per 100, \$7.00; \$64.00 per 1000.
- 14 **Glory of Leiden.** Immense flowers; long fluted trumpet, golden yellow; perianth petals very broad. 3 for 35c.; \$1.10 per doz.; per 100, \$7.00; \$62.00 per 1000.

- 18 **Glory of Sassenheim.** Beautiful large bicolor; very early forcer; monster bulbs. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

- 18 **Golden Spur.** A large striking variety of wonderful robust growth; unusually good for garden culture or forcing; very early and blooms freely; pure golden yellow.

	Per 3	Doz.	100	1000
First Size Bulbs (Dutch).....	\$0.30	\$1.10	\$7.00	\$60.00
Monster Bulbs (Dutch).....	.40	1.35	9.25	85.00
Golden Spur (Extra Early Forcing Strain). First Size Bulbs...	.30	1.10	7.00	65.00

- 18 **King Alfred.** The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deep frilled edge; monster bulbs. 3 for 85c.; \$3.00 per doz.; per 100, \$20.00.

- 16 **Madame de Graaff.** The best pure white trumpet daffodil. When it first comes into flower it shows creamy white, changing to pure white as the flower matures. 3 for 40c.; \$1.20 per doz.; per 100, \$7.50; \$65.00 per 1000.

- 20 **Olympia.** A robust grower; flowers large; both trumpet and perianth yellow; monster bulbs. 3 for \$1.00; \$3.25 per doz.; per 100, \$20.00.

- 15 **Sir Watkin (Giant Chalice Flower).** The flower is probably the largest in its class; for moderate forcing as well as bedding on a large scale; perianth lemon yellow, cup or crown deep yellow; very early; monster bulbs. 3 for 40c.; \$1.20 per doz.; per 100, \$7.50; \$65.00 per 1000.

- 16 **Spring Glory (New).** An extra fine variety; pure white perianth, with a golden yellow trumpet; very early and free flowering. 3 for 75c.; \$2.25 per doz.; per 100, \$14.00.

- 15 **Trumpet Major.** One of the best varieties; trumpet and perianth deep golden yellow; very early. Dutch-grown bulbs for outdoors and forcing. 3 for 35c.; \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.

- 16 **Van Waveren's Giant.** Claimed to be the largest of all Narcissus; perianth soft primrose yellow, with large, bright yellow trumpet; either for growing in pots or in the garden. 3 for \$1.10; \$3.75 per doz.; per 100, \$25.00.

# MICHELL'S BULBS

①

②

③

## NARCISSUS

### 1—BICOLOR VICTORIA

First size bulbs, Ea. 12c; Doz. \$1.10  
\$7.00 per 100; \$60.00 per 1000  
Monster bulbs, Ea. 15c; Doz. \$1.35  
\$9.25 per 100; \$85.00 per 1000

### 2—GOLDEN SPUR

First size bulbs, Ea. 12c; Doz. \$1.10  
\$7.00 per 100; \$60.00 per 1000  
Monster bulbs, Ea. 15c; Doz. \$1.35  
\$9.25 per 100; \$85.00 per 1000

### 3—EMPEROR

First size bulbs, Ea. 12c; Doz. \$1.10  
\$7.00 per 100; \$60.00 per 1000  
Monster bulbs, Ea. 15c; Doz. \$1.35  
\$9.25 per 100; \$85.00 per 1000

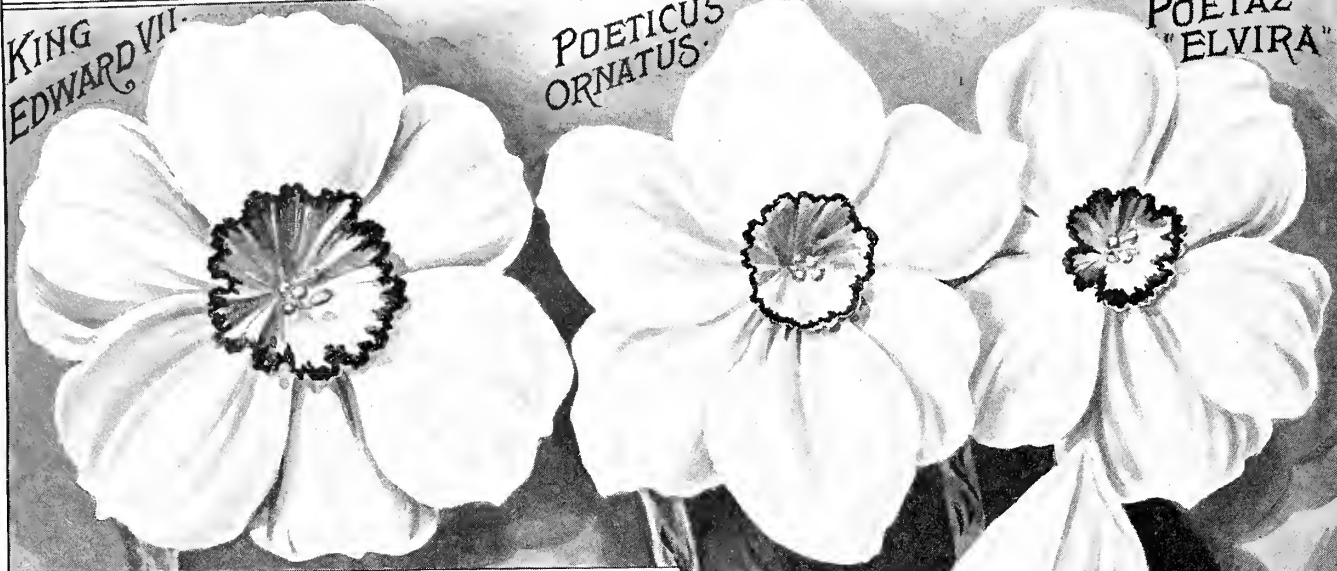
If wanted by Parcel Post, add 20c  
per doz., 60c per 100, for postage  
See body of this catalog for other of-  
ferings of Narcissus; refer to index

# MICHELL'S CHOICE GARDEN NARCISSUS.

KING  
EDWARD VII.

POETICUS  
ORNATUS.

POETAZ  
"ELVIRA"



## MEDIUM TRUMPET NARCISSUS

These are also a popular type of the Narcissus or Daffodil family. Splendid for garden culture, also for growing indoors in pots or pans. The figures prefixed before the variety denote the height.

If wanted by Parcel Post, add 20c. per doz., 60c. per 100, for postage.

- 20 **Barrii Conspicuus.** Broad, spreading perianth of pale yellow, darker yellow cup, edged scarlet; excellent for cutting. 3 for 30c.; 90c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- 18 **Incomparabilis, Lucifer.** A very showy variety; perianth white, trumpet orange scarlet. 3 for 35c.; \$1.10 per doz.; per 100, \$7.00; \$64.00 per 1000.
- 12 **Leedsii, Mrs. Langtry.** A very free flowering sort with pure white perianth and delicate primrose cup; good for pots; largely used for naturalizing. 3 for 25c.; 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.

## THE OLD-FASHIONED POET'S NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types, used extensively for wild gardening and naturalizing. Quite fragrant and splendid for cut flowers.

If wanted by Parcel Post, add 20c. per doz.; 50c. per 100, for postage.

- 15 **King Edward VII.** An improved type, having magnificent large flowers with broad round petals of a glistening white; the yellow cup is edged deep red; very early flowering. 3 for 30c.; \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.
- 24 **Poetaz Elvira.** The blooms, which are pure white of remarkable substance with delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. 3 for 30c.; \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.
- 12 **Poeticus Ornatus.** A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; flowers pure white, saffron cup margined scarlet; especially adapted for forcing; mid-season.
- |                  | Per 3  | Doz.   | 100    | 1000    |
|------------------|--------|--------|--------|---------|
| First Size Bulbs | \$0.25 | \$0.65 | \$3.75 | \$30.00 |
| Mammoth Bulbs    | .25    | .75    | 4.75   | 40.00   |
- 12 **Poeticus Recurvus.** Pure white perianth, cup deep orange red. Excellent for massing and naturalizing. 3 for 25c.; 65c. per doz.; per 100, \$3.75; \$30.00 per 1000.

## HARDY NARCISSUS IN MIXTURE

For massing in borders, fields, woods and, in fact, anywhere producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon the first season. 3 for 25c.; 70c. per doz. (by P. P., 90c.); per 100, \$4.00 (by P. P., \$4.60); \$35.00 per 1000.

BARRII  
CONSPICUUS

Mrs. LANGTRY

H.M.

See opposite page 6 for color plate of Trumpet Narcissus.

# **IMPORTANT NOTICE**

## **PLEASE READ**

The Federal Horticultural Board of the United States Department of Agriculture has decided to forbid the importation of all varieties of Narcissus Bulbs for garden bloom, house culture or for forcing under glass after 1925. They claim this action is necessary because of insect pests which the Narcissus Bulbs might introduce.

We have no knowledge of any so called menace to any industry caused by Narcissus Bulbs. Every shipment is certified, by competent foreign entomologists, to be entirely free from all insect pests.

The Department of Agriculture has never granted the flower lover, (you who plant for pleasure or profit) or, we who import Narcissus as a part of our business, a hearing on the subject, as the law requires; they know only one side, their own.

If you want Narcissus in ample supply, write your Senators and Congressmen and protest against the enforcement of the Narcissus Embargo under quarantine No. 37, without a public hearing. There are 100 000.000 (one hundred million) Narcissus Bulbs used in the United States each year.

If you are interested in getting Narcissus Bulbs that will bloom, after 1925, at a reasonable price, write your Senators and Congressmen today.

Respectfully,

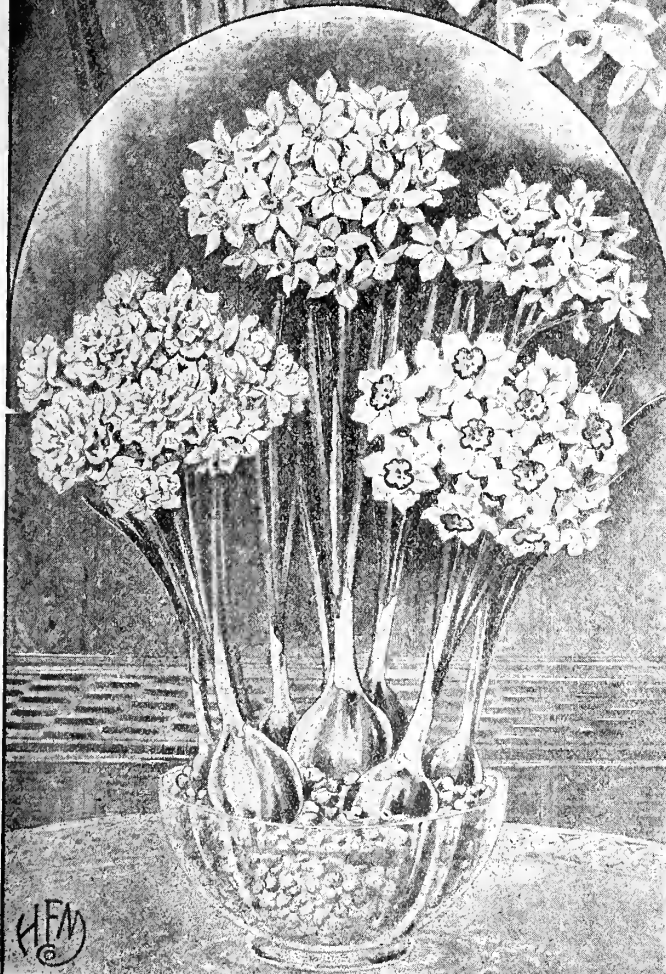
**HENRY F. MICHELL COMPANY**





# MICHELL'S NARCISSUS FOR GROWING IN WATER

SOLEIL D'OR

CHINESE  
SACRED LILYGIANT  
PAPER  
WHITE

## POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, and are equally suited for growing in soil. The flowers are produced in clusters and are delightfully fragrant. Not suitable for outdoors.

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

**Double Roman.** White perianth, with an orange and yellow suffused cup; very free flowering and early. 3 for 35c.; \$1.00 per doz.; per 100, \$5.00; \$40.00 per 1000.

**Gloriosa.** White perianth and orange yellow cup; very pretty. 3 for 30c.; \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

**Grand Monarque.** Large, broad white perianth with a primrose-yellow cup; a very striking flower. 3 for 35c.; \$1.00 per doz.; per 100, \$5.00; \$40.00 per 1000.

**Grand Primo.** Large white perianth with yellow cup. 3 for 35c.; \$1.00 per doz.; per 100, \$5.00; \$40.00 per 1000.

**Grand Soleil d'Or** (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety. 3 for 50c.; \$1.50 per doz.; per 100, \$10.00.

**Paper White Grandiflora.** This is quite a specialty with us; of it alone we import over two million bulbs. It is a pure white flowering sort, used extensively for forcing, as it can be brought into bloom in 8 weeks' time.

	Per 3	Doz.	100	1000
First Size Bulbs.....	\$0.25	\$0.75	\$4.00	\$35.00
Mammoth Bulbs.....	.30	.85	5.00	40.00
Giant Bulbs.....	.35	1.00	7.00	60.00

**White Pearl.** A large pure white; very exquisite. 3 for 30c.; \$1.00 per doz.; per 100, \$6.50; \$60.00 per 1000.

## MAMMOTH FLOWERING CHINESE LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs and fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

If wanted by Parcel Post, add 25c. per doz. for postage.

	Each	Doz.	Basket of 30 bulbs
Large Bulbs.....	\$0.15	\$1.65	\$3.75
Mammoth Bulbs.....	.20	2.25	5.00

## GOLDEN CHINESE LILY

The centre cup is deep yellow while the perianth is lighter. Treat the same as the regular Chinese Lily. Very fragrant.

If wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.

**Large Bulbs,** 3 for 50c.; \$1.50 per doz.; per 100, \$10.00.

**Pebbles for Chinese Lilies.** Carefully screened and selected. 10c. per qt.; 75c. per peck; bu., \$2.50; \$5.00 per bbl. sack. (Pebbles cannot be mailed.)

**Please Note.**—If Chinese Lilies are to be grown in water, they will flower more satisfactorily if not started until November 1st.

# MICHELL'S SUPERB DOUBLE NARCISSUS



## DOUBLE NARCISSUS

Many varieties of Double Narcissus can be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb or pan. We offer large bulbs only.

If wanted by Parcel Post, add 20c. per doz., 60c. per 500, for postage.

**Alba Plena Odorata.** A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils and is not desirable for forcing; height about 15 inches. 3 for 25c.; 75c. per doz.; per 100, \$4.75; \$40.00 per 1000.

**Incomparable Double.** On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 3 for 30c.; 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.

**Orange Phoenix.** This is sometimes called "Eggs and Bacon." Light yellow, almost white, with an orange yellow center. It is splendid for forcing or pot culture. Height, 16 inches. 3 for 30c.; 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.

**Sulphur, or Silver Phoenix.** Flowers very large; blush-white, sulphur colored center; excellent for forcing or outdoor planting. Height about 18 inches. 3 for 35c.; \$1.10 per doz.; per 100, \$6.75; \$57.50 per 1000.

**Von Sion (Telamoniis Plenus).** The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

	Per 3	Doz.	100	1000
First Size Bulbs	\$0.25	\$0.75	\$4.50	\$37.50
Mammoth Size Bulbs	.35	1.10	6.50	57.50

**Monster Bulbs.** Produces three or more flowers per bulb. 3 for 40c.; \$1.25 per doz.; per 100, \$8.00; \$70.00 per 1000.

## SWEET SCENTED JONQUILS

These delightful flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower, borne in clusters of 2 to 4.

If wanted by Parcel Post, add 15c. per doz., 40c. per 100, for postage.

**Campernelle Rugulosus.** Single yellow; larger than the plain Campernelle. 3 for 30c.; 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.

**Single.** Rich yellow; very fragrant; height 12 inches. 3 for 25c.; 65c. per doz.; per 100, \$3.50; \$30.00 per 1000.

**Double.** Flowers very double; deep golden-yellow; height 12 inches. 3 for 30c.; 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.



MICHELL'S BULB GROWING GUIDE sent free on request





The Tulip is one of the most attractive and popular of spring blooming flowers for garden borders or for bedding. Most of the varieties being equally valuable for pot and pan culture indoors. The named varieties which we offer include some of the most beautiful and recently introduced sorts.

**CULTURAL DIRECTIONS.—For Bedding Out** The bed should be formed of a compost similar to that recommended for Hyacinths. Plant the bulbs 4 inches apart and about 5 inches deep. They should be covered with litter before freezing weather.

**For Pot or Pan Culture.**—Plant about 4 bulbs in a 6-inch pot or 5 bulbs in a 6-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all winter.

We have affixed in front of the varieties figures denoting the approximate height; also letters to indicate the comparative blooming time. V means very early; E means early; M means midseason.

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

### PINK VARIETIES

Inches High	Doz.	100	1000
12E <b>Flamingo</b> . Bright pink, shaded deeper.	\$0.85	\$5.50	\$48.00
12E <b>Pink Beauty</b> . Extra large; rich pink.	1.35	9.00	80.00
8E <b>Prosperine</b> . Glossy pink; forces early; excellent for bedding.	1.20	7.75	70.00
8E <b>Prosperity</b> . Rose pink.	.85	5.00	42.50
10M <b>Rose Luisante</b> . Deep pink; large flowers; for forcing and bedding.	1.10	7.25	65.00

### RED AND SCARLET VARIETIES

8M <b>Artus</b> . Bright scarlet; for bedding.	.70	4.25	34.00
8M <b>Belle Alliance</b> . Brilliant scarlet; for either for forcing or bedding.	.85	5.25	45.00
12E <b>Brilliant Star</b> . Brilliant scarlet.	1.10	7.25	65.00
10M <b>Couleur de Cardinal</b> . Bright scarlet; for forcing or bedding.	1.10	6.75	60.00
10M <b>Cramoise Brilliant</b> . Scarlet; good for bedding or forcing.	.85	4.75	40.00
7V <b>Duc Van Thol</b> . Cochineal. Rich vermilion; for forcing or bedding.	.85	4.75	40.00
7V <b>Duc Van Thol</b> . Scarlet.	.85	4.75	40.00
10M <b>McKinley</b> . Rose, shaded carmine.	.90	5.75	50.00
12M <b>Prince of Austria</b> . Orange scarlet; for either forcing or bedding.	.90	5.75	50.00
10M <b>Vermillion Brilliant</b> . The richest scarlet; for forcing or bedding.	1.10	7.25	65.00

### SINGLE EARLY TULIPS IN MIXTURE

Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.	Doz.	100	1000
<b>Superfine Quality</b> , all colors.	\$0.65	\$3.25	\$25.00

### VARIEGATED OR TWO COLOR VARIETIES

Inches High	Doz.	100	1000
11E <b>Cardinal Rampollo</b> . Yellow, bordered orange.	\$1.00	\$6.50	\$57.50
12M <b>Duchess de Parma</b> . Orange scarlet, yellow border; for bedding.	.85	5.50	47.50
12E <b>Fred Moore</b> . Bright orange, shaded scarlet.	.85	5.00	42.50
12M <b>Keizerkroon</b> . Brilliant red, gold border; for forcing or bedding.	1.10	6.75	60.00

### VIOLET OR BLUE VARIETIES

9M <b>Wouverman</b> . Purple violet.	.70	4.50	38.00
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### WHITE VARIETIES

9E <b>Joost Van Vondel</b> , White ( <i>Lady Boreel</i> ). A real exhibition variety.	.85	5.50	48.00
10M <b>La Reine</b> . White, at times showing a delicate shade of pink.	.65	4.00	34.00
12M <b>White Hawk</b> ( <i>Albion</i> ). Pure white.	.85	5.25	45.00

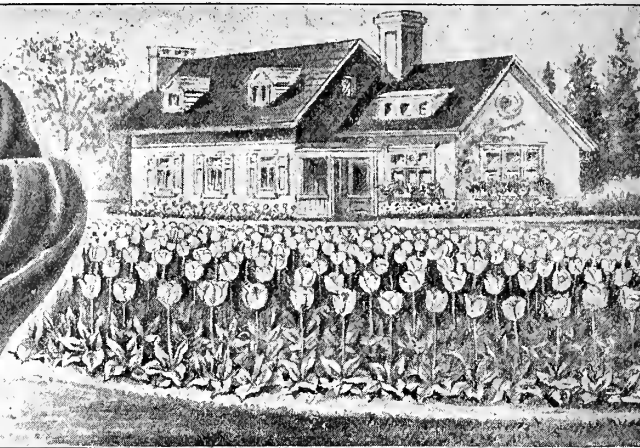
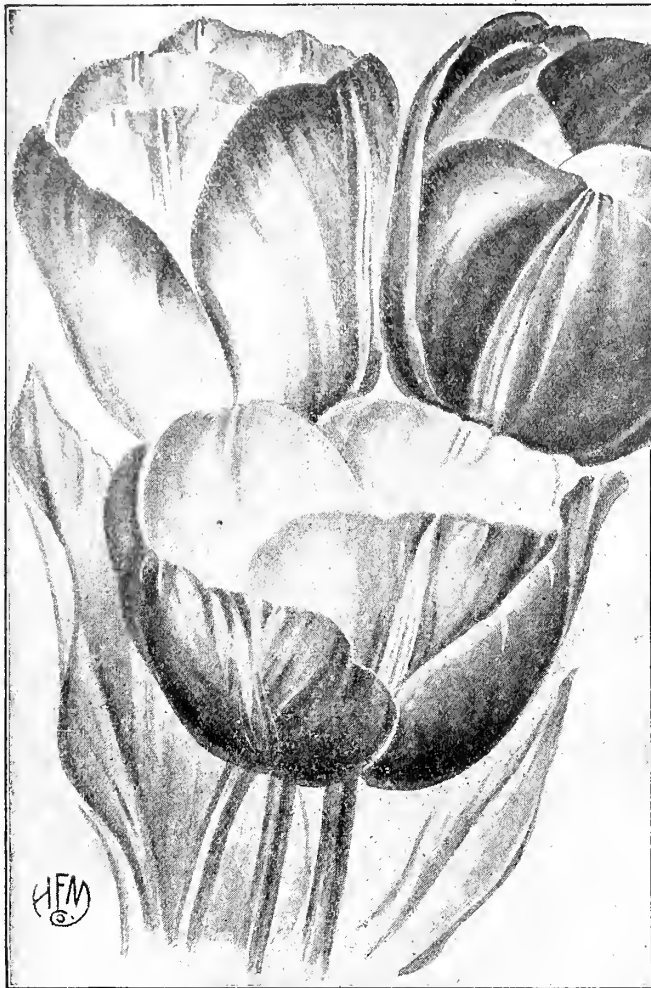
### YELLOW VARIETIES

10M <b>Chrysolora</b> . Golden yellow.	.85	5.00	42.50
10M <b>Herman Schlegel</b> ( <i>Primrose Queen</i> ). Pale yellow.	.85	4.75	40.00
10M <b>Mon Tresor</b> . Golden yellow.	.85	5.50	48.00
8M <b>Yellow Prince</b> . Golden yellow.	.85	5.00	42.50

### SINGLE UNNAMED TULIPS (For Bedding Only)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties.	Doz.	100	1000
<b>Pink</b> , in all shades.	\$0.65	\$3.50	\$30.00
<b>Red and Scarlet</b> , in all shades.	.65	3.50	30.00
<b>White</b> , in all shades.	.65	3.50	30.00
<b>Yellow</b> , in all shades.	.65	3.50	30.00

# MICHELL'S SUPERB DARWIN TULIPS

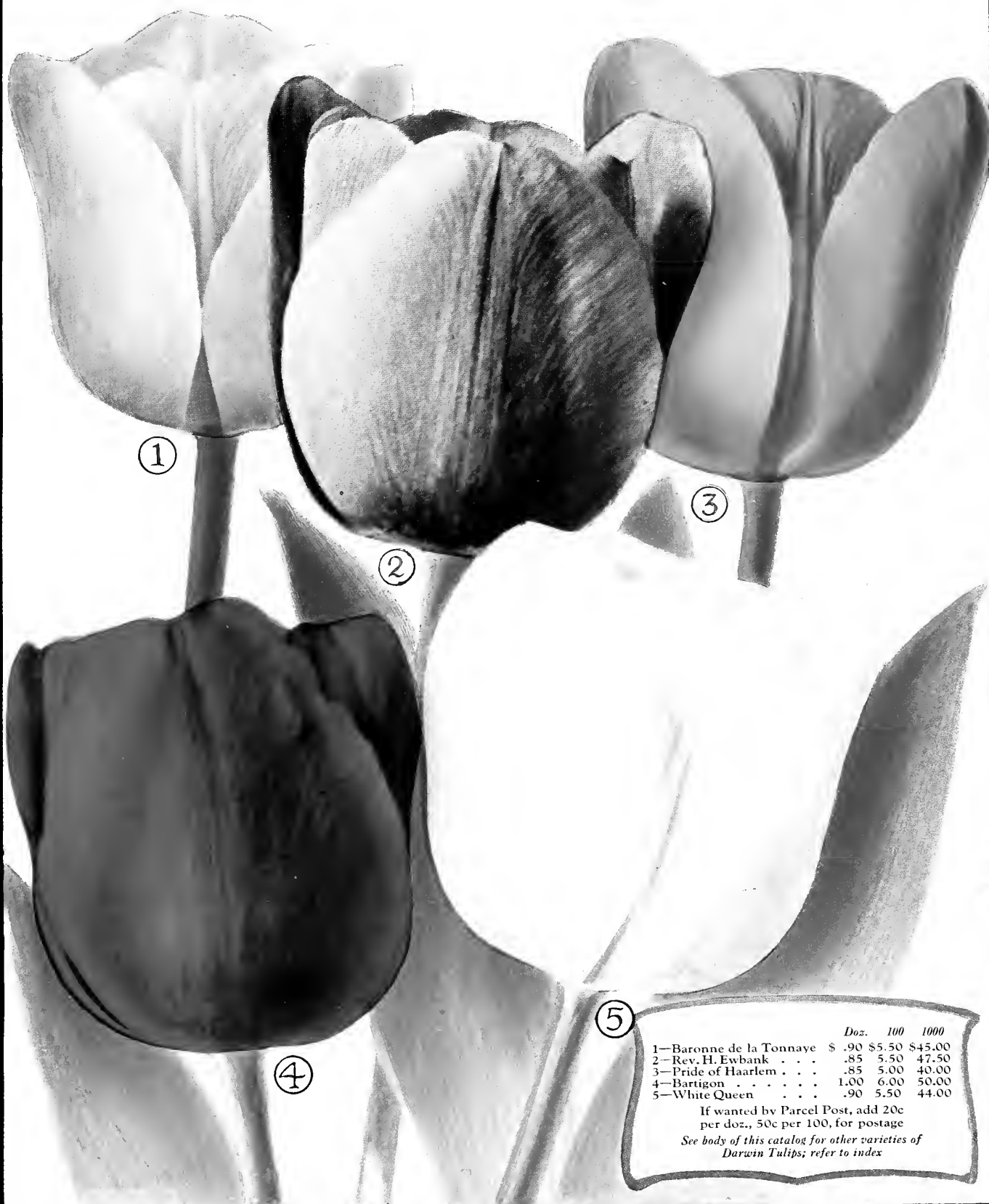


Darwin Tulips are more largely grown every year and considering the splendid form and exquisite coloring and the immense size of the numerous varieties it is not surprising that they have obtained great popularity. The color plate opposite and on first cover of this catalog can give only a faint idea of their beauty. While they belong to the late blooming or May Flowering class, they are distinct in style of growth; the gigantic flower cups are borne on straight, stout stems which are far above a broad foliage. For massing, bedding or border planting the Darwins are hard to equal. For pot culture they are splendid and are just the ideal Tulip to grow for Easter; the varieties marked with an asterisk (\*) are best adapted for the latter purpose. The figures prefixed before the variety denotes the approximate height. Please note there is no yellow colored Darwins and for this the May-flowering Tulip, Inglescombe Yellow may be used.

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

- 26 **Baronne de la Tonnaye.** Large flowers of a rose pink color, with white margin. 90c. per doz.; per 100, \$5.50; \$45.00 per 1000.
- \*14 **Bartigon.** Fiery red color, with pure white base; a very showy variety; grand forcer. \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.
- \*20 **Clara Butt.** Delicate salmon pink; its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 75c. per doz.; per 100, \$4.50; \$35.00 per 1000.
- 24 **Dream.** Large cup shaped flowers; color, rosy lilac and mauve, blue base. 90c. per doz.; per 100, \$5.50; \$44.00 per 1000.
- 24 **Faust.** Deep purple violet, with blue base; large and of fine form. \$1.00 per doz.; per 100, \$6.25; \$55.00 per 1000.
- 23 **Glow.** Scarlet, margined white, blue center; the flowers are of large size and very showy. 85c. per doz.; per 100, \$5.75; \$50.00 per 1000.
- \*18 **Gretchen or Margaret.** A most attractive variety, of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 75c. per doz.; per 100, \$4.50; \$35.00 per 1000.
- 25 **La Candeur.** Large globular flowers of pure white, slightly tinted blush when opening. 90c. per doz.; per 100, \$5.50; \$44.00 per 1000.
- 25 **La Tulipe Noire.** (*The Black Tulip*). The nearest color to black in Tulips; deep maroon black with a velvety sheen. Per doz., \$1.00; \$6.00 per 100; per 1000, \$50.00.
- 24 **Le Notre.** Beautiful shade of bright pink, blue base starred white; very large. \$1.10 per doz.; per 100, \$7.50; \$67.50 per 1000.
- 26 **Madame Krelage.** Bright lilac rose, margined pale silvery pink; inside is a soft rose pink; very large flower of beautiful form. A good forcing variety and excellent for the border. Per doz., \$1.00; \$6.00 per 100; per 1000, \$50.00.
- \*24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a clear white base; giant flowering. One of the showiest of all Darwins; good forcer. \$1.00 per doz.; per 100, \$6.00; \$50.00 per 1000.
- 28 **Mrs. Potter Palmer.** Rich glowing purple, a very distinct and striking color. Excellent for border planting. 85c. per doz.; per 100, \$5.00; \$40.00 per 1000.
- \*24 **Phillippe de Commynes.** Rich, deep purple; one of the best dark sorts. 90c. per doz.; per 100, \$5.50; \$45.00 per 1000.
- \*24 **Pride of Haarlem.** Brilliant rosy carmine. This is one of the most popular varieties of Darwins. The size of the flowers is immense having usually more than six petals, giving them the appearance of Double Tulips. A favorite for bedding and forcing. 85c. per doz.; per 100, \$5.00; \$40.00 per 1000.
- \*20 **Rev. H. Ewbank.** Light heliotrope, shaded lavender. Rather dwarf variety; a splendid bedder; also stands forcing splendidly and produces large flowers of a very pleasing color. 85c. per doz.; per 100, \$5.50; \$47.50 per 1000.
- 20 **Sultan.** Very dark maroon, almost black; undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 85c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- \*24 **W. Copeland.** One of the best early forcing varieties; color delicate lavender. 85c. per doz.; per 100, \$5.50; \$47.50 per 1000.
- 22 **White Queen.** A splendid white variety. It opens rosy white, but passes off pure white. One of the most popular varieties. 90c. per doz.; per 100, \$5.50; \$44.00 per 1000.
- Darwin Mixed.** A great variety of colors and shades. 60c. per doz.; per 100, \$3.75; \$30.00 per 1000.

# MICHELL'S DARWIN TULIPS



	Doz.	100	1000
1—Baronne de la Tonnaye	\$ .90	\$5.50	\$45.00
2—Rev. H. Ewbank . . .	.85	5.50	47.50
3—Pride of Haarlem . . .	.85	5.00	40.00
4—Bartigon . . . . .	1.00	6.00	50.00
5—White Queen . . . . .	.90	5.50	44.00

If wanted by Parcel Post, add 20c  
per doz., 50c per 100, for postage

See body of this catalog for other varieties of  
Darwin Tulips; refer to index





Breeder Tulips

## DUTCH BREEDER TULIPS

(See Color Plate Opposite)

This old fashioned type has come into prominence very much of late years. They are similar to the Darwins in their tall, strong growth. The flowers are extra large and run principally in purple, bronze, terra-cotta and orange brown shades. They make a fine effect in hardy borders and when used as a cut flower last a long while in water.

If wanted by Parcel Post, add 20c. per doz.; 50c. per 100, for postage.

- 24 **Abdel Kader.** Dark bronze, shading to light bronze at edge of petals; a good sized flower. \$1.25 per doz.; per 100, \$9.00; \$80.00 per 1000.
- 25 **Afterglow.** Apricot orange, yellow border, inside orange with lemon base. \$1.75 per doz.; per 100, \$12.00; \$100.00 per 1000.
- 25 **Apricot.** Apricot orange with yellow border, olive green base. \$1.20 per doz.; per 100, \$7.25; \$65.00 per 1000.
- 24 **Aspasia.** Wine red, center white, shaded purple. \$1.00 per doz.; per 100, \$6.00; \$52.50 per 1000.
- 24 **Bronze Queen.** A beautiful shade of coffee brown, inside tinged golden bronze. This variety may be forced. 75c. per doz.; per 100, \$5.00; per 1000, \$42.50.
- 28 **Cardinal Manning.** Dull wine red, flushed rosy brown, changing to almost orange at edges of petals. \$1.00 per doz.; per 100, \$5.50; \$50.00 per 1000.
- 24 **Copernicus.** Bronzy brown, with flush of old rose, inside brown with yellow base; a splendid large flower. \$1.25 per doz.; per 100, \$7.50; \$65.00 per 1000.
- 24 **Dom Pedro.** A beautiful shade of coffee brown, shaded maroon, inside rich mahogany, large and beautiful; can be forced. \$1.35 per doz.; per 100, \$9.50; \$85.00 per 1000.
- 25 **General Ney.** Old gold with olive base; large flower. \$1.20 per doz.; per 100, \$7.00; \$62.50 per 1000.
- 24 **Godet Parfait.** Bright purple violet, with white base and blue halo; very large flower. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.
- 21 **Jaune d'Oeuf.** Outside orange red, inside orange with dark base and anthers; good forcer. \$1.00 per doz.; per 100, \$6.00; \$52.50 per 1000.
- 25 **La Harpe.** Bluish violet. \$1.25 per doz.; per 100, \$7.50; \$60.00 per 1000.

## DUTCH BREEDER TULIPS—Continued

- 24 **Louis XIV.** Dark purple, flushed bronze, with broad margin of golden brown; a unique variety of striking beauty. 30c. each; per doz., \$3.25; \$22.50 per 100.
- 24 **MacMahon (Turenne).** Purplish brown with broad margin of soft yellow; one of the largest of all. \$1.35 per doz.; per 100, \$8.25; \$75.00 per 1000.
- 24 **Panorama (Fairy).** Reddish mahogany with bronze shading; an extra large flower; good forcer. \$1.10 per doz.; per 100, \$7.00; \$60.00 per 1000.
- 24 **Prince of Orange.** Orange scarlet, edged light yellow; a very striking variety. \$1.25 per doz.; per 100, \$8.00; \$70.00 per 1000.
- 24 **Yellow Perfection.** Light bronze yellow, edged and shaded golden yellow; a large flower of fine form; can be forced. \$1.10 per doz.; per 100, \$7.00; \$62.50 per 1000.
- Breeder Tulips Mixed.** A choice mixture of many varieties. 70c. per doz.; per 100, \$4.00; \$32.50 per 1000.



Rembrandt Tulips

## REMBRANDT TULIPS

This type comprises a strain of variegated Darwin tulips frequently referred to as broken Darwin or Rembrandt varieties. They resemble the former with the exception of variation as to colors; they possess splendid decorative value. The stems average 18 to 22 inches in height. Rembrandt tulips cannot be forced.

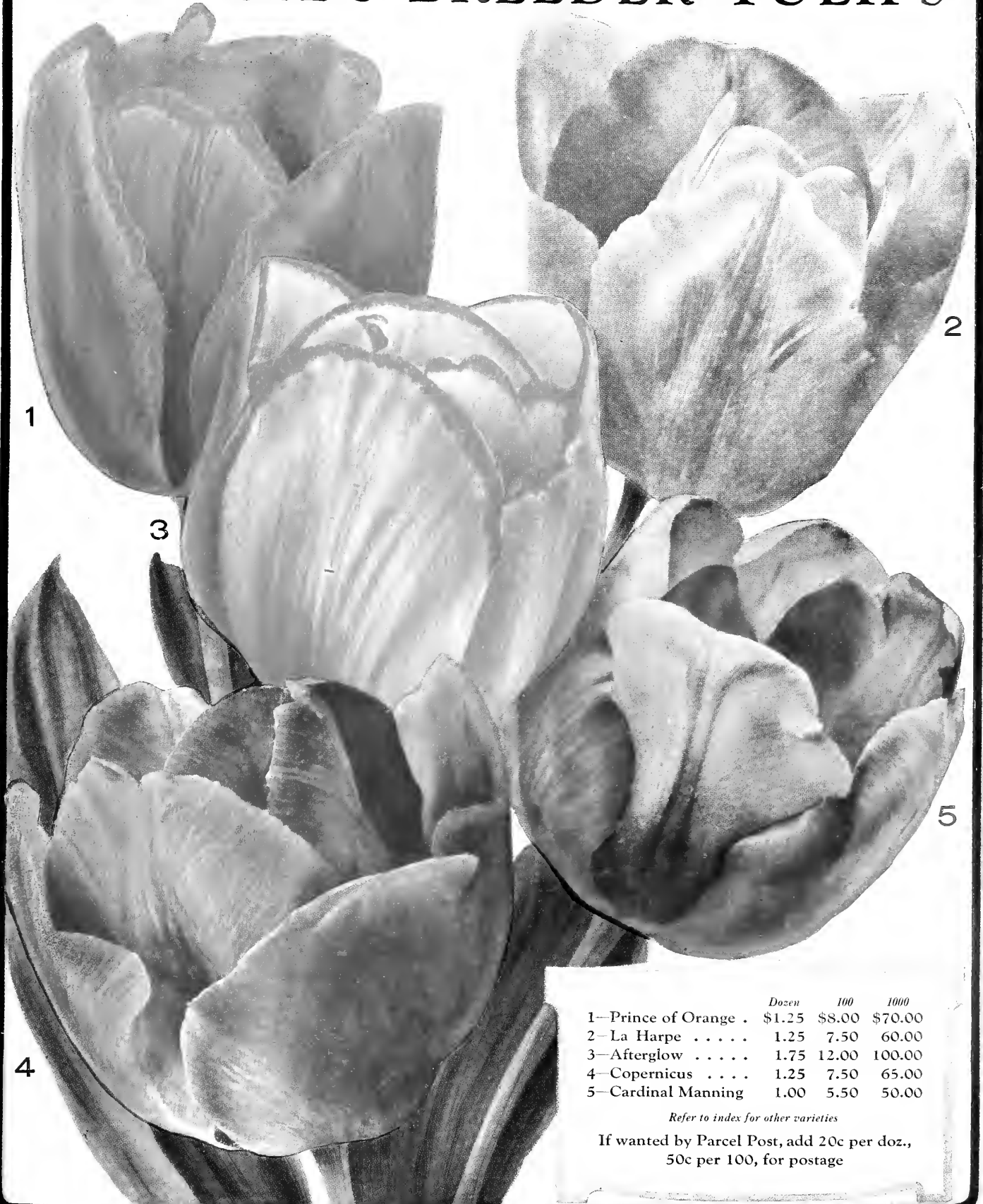
If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

	Doz.	100	1000
<b>Bougainville.</b> Amaranth blue, striped white.....	\$1.10	\$6.50	\$55.00
<b>Red Prince.</b> Rose, flamed fiery scarlet....	1.10	6.50	55.00
<b>Salome.</b> Carmine rose with white markings.	1.10	6.50	55.00
<b>Semele.</b> White, heavily striped and feathered vivid rosy pink.....	1.10	6.50	55.00

## TESTIMONIAL

Adena, Ohio.  
We received the bulbs in fine shape and were much pleased with them. All bulbs and seeds we have bought from you have been very satisfactory.  
Mrs. L. J. W.

# MICHELL'S BREEDER TULIPS



	Dozen	100	1000
1—Prince of Orange .	\$1.25	\$8.00	\$70.00
2—La Harpe . . . . .	1.25	7.50	60.00
3—Afterglow . . . . .	1.75	12.00	100.00
4—Copernicus . . . . .	1.25	7.50	65.00
5—Cardinal Manning	1.00	5.50	50.00

*Refer to index for other varieties*

If wanted by Parcel Post, add 20c per doz.,  
50c per 100, for postage

# MICHELL'S LATE OR MAY-FLOWERING TULIPS

The figures prefixed before the variety denotes the approximate height.

## COTTAGE GARDEN OR LATE TULIPS

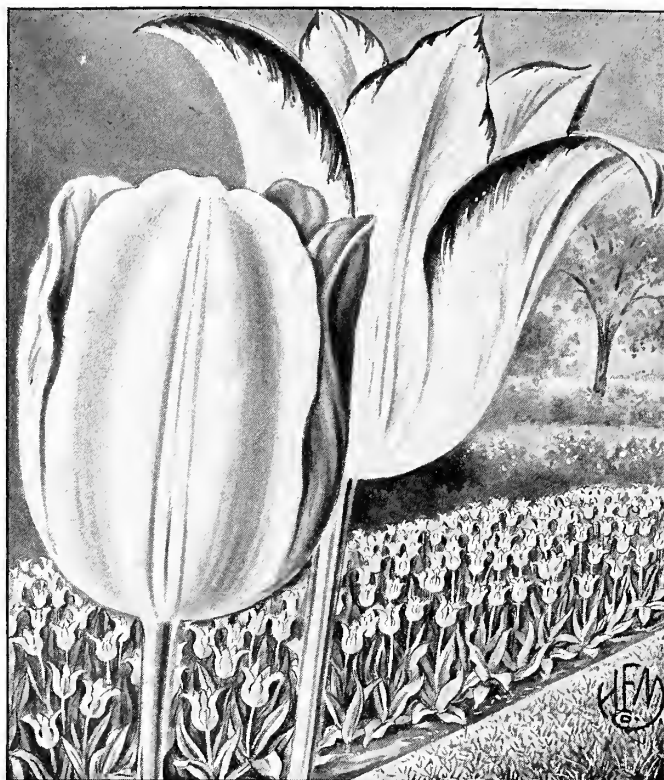
Nothing in horticulture has received so much comment in late years as the late flowering tulips. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing in perennial border or planting in clumps they are ideal. They are also very desirable as cut flowers. (All single except where noted.)

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

- 20 **Aurora.** Orange yellow; an extra fine variety. \$1.00 per doz.; per 100, \$6.50; \$55.00 per 1000.
- 19 **Blue Flag (Double).** A very pretty shade of violet blue; very odd. 85c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 20 **Caledonia.** Orange scarlet with yellow base, marked greenish black. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 20 **Fairy Queen.** Rosy lilac, broadly margined yellow, a unique and lovely color; flowers very large. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 24 **Fulgens.** Clear crimson with white center; large flowers on stiff stems. 85c. per doz.; per 100, \$5.00; \$42.00 per 1000.
- 24 **Gesneriana Lutea.** One of the best of the Gesneriana family; perfect shaped flowers of purest golden yellow. 70c. per doz.; per 100, \$4.25; \$37.00 per 1000.
- 24 **Gesneriana Spathulata.** A brilliant scarlet with blue-black center; one of the finest late varieties. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 18 **Glare of the Garden.** Crimson scarlet, with black center edged yellow; flowers large. 90c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 22 **Inglescombe Pink.** Soft rosy pink, flushed salmon; a most attractive variety in form and coloring. 75c. per doz. per 100, \$4.25; \$35.00 per 1000.
- 20 **Inglescombe Scarlet.** Brilliant vermilion with black center; a charming variety. 70c. per doz.; per 100, \$4.25; \$37.00 per 1000.
- 22 **Inglescombe Yellow.** Greatly resembles the Darwin's and is often called the "Yellow Darwin;" flowers are beautifully formed. 75c. per doz.; per 100, \$4.25; \$35.00 per 1000.
- 18 **John Ruskin.** Apricot orange with border of canary yellow; large flowers of fine form. 85c. per doz.; per 100, \$5.50; \$48.00 per 1000.



Parrot or Dragon Tulips



May Flowering or Cottage Garden Tulips

- 24 **Moonlight.** An exquisite shade of light canary yellow; flower long and of fine oval shape. 80c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- 24 **Mrs. Moon.** Large orange yellow; reflexed pointed petals; one of the most beautiful varieties. 85c. per doz.; per 100, \$5.50; \$48.00 per 1000.
- 20 **Picotee (Maiden's Blush).** White with distinct pink edged border, which suffuses the flower as it ages. 70c. per doz.; per 100, \$4.25; \$37.50 per 1000.
- 20 **Rosetta.** Carmine pink; an excellent and attractive variety. 85c. per doz.; per 100, \$5.50; \$50.00 per 1000.
- 12 **Sarah Bernhardt (Hobbema or Le Reve).** Exquisite soft rose shaded apricot; a delightful combination. \$1.20 per doz.; per 100, \$8.00; \$72.50 per 1000.
- 18 **Scarlet Emperor.** Glowing scarlet, center clear yellow, flowers large. \$1.10 per doz.; per 100, \$7.00; \$60.00 per 1000.
- May Flowering Tulips (Single).** A splendid mixture, covering almost every color and shade. 65c. per doz.; per 100, \$3.50; \$27.50 per 1000.

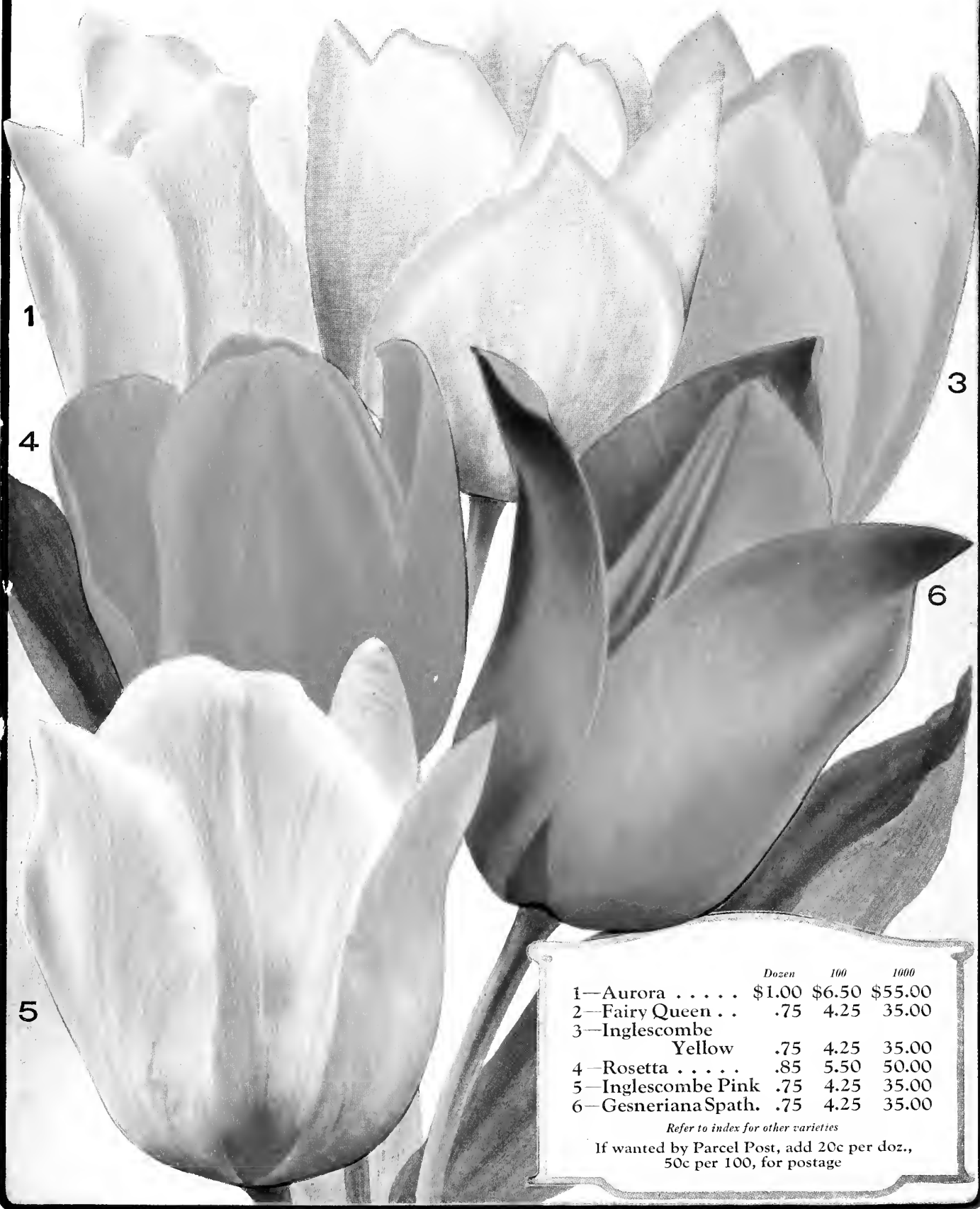
## PARROT OR DRAGON TULIPS

These are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower, keeping well for some time when placed in water.

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

	Doz.	100	1000
<b>Constantinople.</b> Orange scarlet, with black markings in center	\$0.70	\$4.25	\$35.00
<b>Lutea Major.</b> Very large; bright yellow	.70	4.25	35.00
<b>Markgraaf of Baden.</b> Large yellow, striped scarlet and green	.70	4.25	35.00
<b>Mixed Colors.</b> This mixture is carefully blended and contains only the choicest sorts	.65	4.00	32.00

# MICHELL'S MAY FLOWERING TULIPS



	Dozen	100	1000
1—Aurora . . . . .	\$1.00	\$6.50	\$55.00
2—Fairy Queen . .	.75	4.25	35.00
3—Inglescombe Yellow	.75	4.25	35.00
4—Rosetta . . . . .	.85	5.50	50.00
5—Inglescombe Pink	.75	4.25	35.00
6—Gesneriana Spath.	.75	4.25	35.00

*Refer to index for other varieties*

If wanted by Parcel Post, add 20c per doz.,  
50c per 100, for postage



# MICHELL'S DOUBLE

# EARLY TULIPS



Double Tulips are used very extensively for forcing, but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips, as they do not bloom as early as the single sorts. The figures prefixed before the variety denotes the approximate height.

If wanted by Parcel Post, add 20c. per doz., 50c. per 100, for postage.

	Doz.	100	1000
10 <b>Boule de Neige.</b> Large pure white; resembles a Paeony in form; excellent for bedding or forcing.	\$0.85	\$5.50	\$48.00
10 <b>Couronne des Roses.</b> Deep rose; extra fine for forcing.	.85	5.50	48.00
12 <b>Couronne d'Or.</b> A handsome rich yellow variety; grand forcer.	.85	5.50	48.00
9 <b>Gloria Solis.</b> Red, bordered yellow; good for bedding.	.85	5.00	42.50
10 <b>Imperator Rubrorum.</b> Brilliant scarlet; especially adapted to forcing, also fine for bedding.	1.10	6.75	60.00
12 <b>Le Matador.</b> Brilliant scarlet; splendid forcer or bedder.	.90	5.75	50.00
14 <b>Lucretia.</b> Deep pink; extra fine forcer.	.85	5.00	42.50
10 <b>Mr. Van der Hoef (Yellow Murillo).</b> Pure golden yellow, fine for forcing.	1.25	8.25	75.00
7 <b>Murillo.</b> A very large pink sort, suffused with white; one of the best forcers.	.70	4.25	37.00
8 <b>Rubra Maxima.</b> Dazzling scarlet; good bedder and splendid early forcer.	.85	5.25	45.00
10 <b>Salvator Rosa.</b> Beautiful deep rose, flushed white; for forcing or bedding.	.85	5.50	48.00
12 <b>Tea Rose.</b> Sulphur, shading to orange; for bedding or forcing.	.85	5.50	48.00
8 <b>Toreador.</b> A handsome rich orange; excellent for bedding or forcing.	1.25	8.50	75.00
8 <b>Tournesol, Red and Yellow.</b> For forcing and bedding.	1.00	6.25	55.00
12 <b>Vuurbaak.</b> Orange scarlet; for forcing or bedding.	1.10	7.00	62.50

## EARLY DOUBLE MIXED TULIPS

(For Bedding Only)

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors.

	Doz.	100	1000
Superfine Quality. All colors.	\$0.60	\$3.25	\$25.00

## DOUBLE UNNAMED TULIPS

(For Bedding Only)

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price offered anyone can afford them and thus avoid mixtures.

	Doz.	100	1000
<b>Pink</b> , in all shades	\$0.65	\$3.50	\$30.00
<b>Red and Scarlet</b> , in all shades	.65	3.50	30.00
<b>White</b> , in all shades	.65	3.50	30.00
<b>Yellow</b> , in all shades	.65	3.50	30.00

## NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

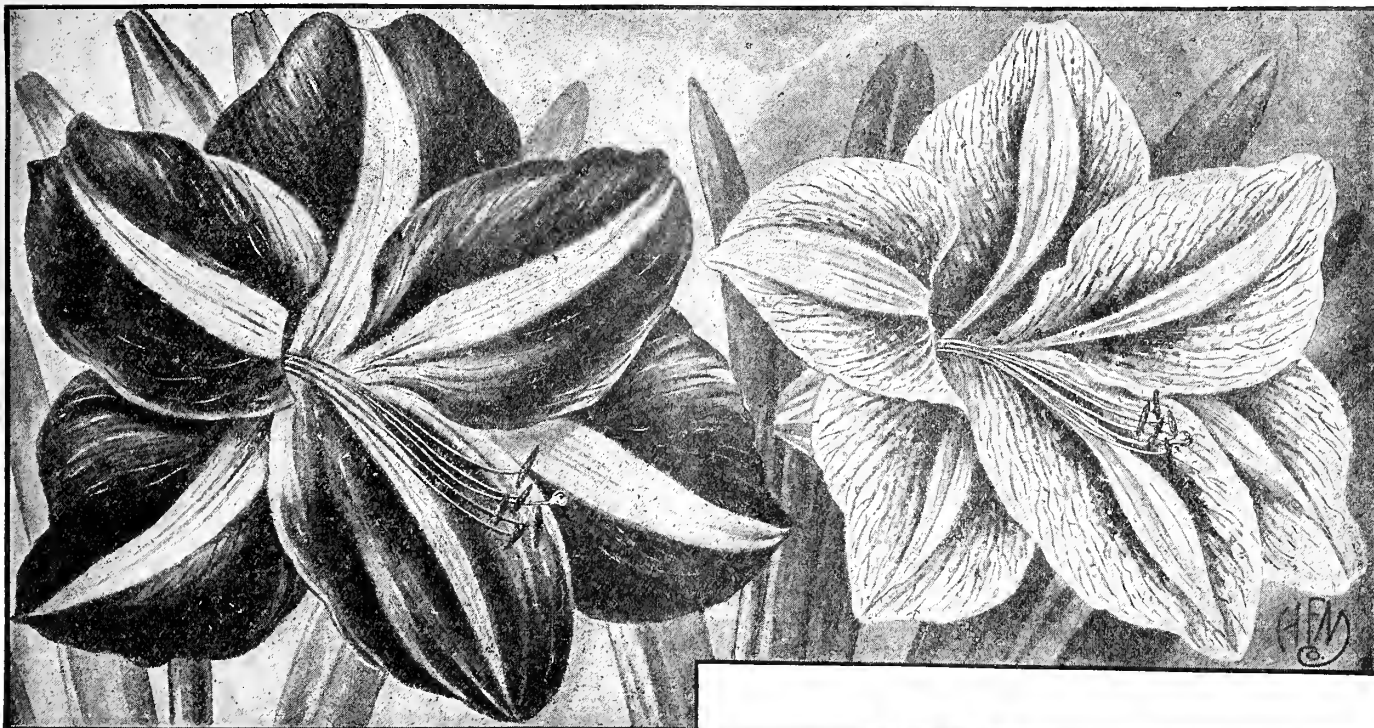
Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

### DISTANCES FOR PLANTING APART

Diam. of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 feet	61	37	19			
3 "	127	95	37			
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oa)



*Amaryllis, Hybrids of Vittata*

## AMARYLLIS (Ready in October)

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

**Cultural Directions.**—Place bulbs in live moss, only moderately moist, near window of a warm room. When the first sign of growth appears through the top, get a six-inch pot and be ready to pot them up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Water moderately at first, but increase as growth increases, then place in a warm, light room near the window.

**Belladonna.** A beautiful bright pink. 40c. each; doz., \$3.50 (by parcel post, \$3.75).

**Formosissima.** Crimson. 25c. each; doz., \$2.50 (by P. P., \$2.65).

**Hippeastrum Equestre.** A garden species, producing large, bright red flowers. 60c. each; doz., \$5.00 (by P. P., \$5.50).

**Hybrids of Vittata.** The finest race of Amaryllis in cultivation, their immense flowers and richness of coloring cannot be surpassed; long spikes bearing wide petalled flowers averaging 8 to 10 inches across. 85c. each; doz., \$9.00 (by parcel post, \$10.00.)

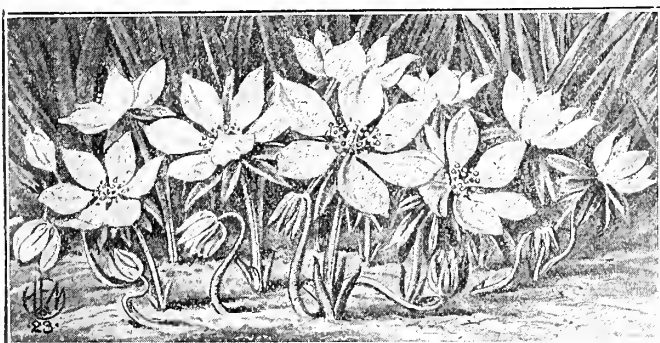


*Anemones*

## ANEMONE (Windflower)

For brilliancy of color and profusion of bloom, none of the Spring flowers surpass the Anemone; they are an excellent decorative plant for house or garden. The foliage is most attractive and above all the plant is crowned with long stemmed beautiful flowers in many colors and shades. If planted outdoors in the fall, they must be well protected with leaves or other litter. They are also well adapted for growing in conservatories or cold frames.

**Coronaria.** Single French varieties in mixed colors. \$1.00 per doz.; per 100, \$6.00 (by parcel post, \$6.15); \$50.00 per 1000.



*Aconite*

## ACONITE, WINTER (*Eranthis Hyemalis*)

A very early spring flowering bulb, producing golden yellow flowers. Prefers a moist, shady location; perfectly hardy; height about 6 inches. 50c. per doz.; per 100, \$2.75 (by P. P., \$2.95); \$20.00 per 1000.

## BEGONIAS (Tuberous Rooted)

(Ready in January)

Enormous wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then.

If wanted by Parcel Post, add 25c. per doz., 40c. per 100, for postage. Single bulbs mailed free.

### SINGLE BEGONIAS

Large Bulbs

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.30	\$3.00	\$20.00	Scarlet...	\$0.30	\$3.00	\$20.00
Orange...	.30	3.00	20.00	White...	.30	3.00	20.00
Pink and				Yellow...	.30	3.00	20.00
Rose....	.30	3.00	20.00	Mixed....	.30	3.00	20.00
Salmon....	.30	3.00	20.00				

### DOUBLE BEGONIAS

Large Bulbs

	Each	Doz.	100		Each	Doz.	100
Crimson...	\$0.30	\$3.00	\$20.00	Scarlet...	\$0.30	\$3.00	\$20.00
Orange...	.30	3.00	20.00	White...	.30	3.00	20.00
Pink and				Yellow...	.30	3.00	20.00
Rose....	.30	3.00	20.00	Mixed....	.30	3.00	20.00
Salmon....	.30	3.00	20.00				

### BEGONIA, CRISPA

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100		Each	Doz.	100
Orange...	\$0.35	\$3.50	\$22.00	Salmon...	\$0.35	\$3.50	\$22.00
Pink and				Scarlet...	.35	3.50	22.00
Rose....	.35	3.50	22.00	White....	.35	3.50	22.00

### CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

### GODFREY DWARF EVERBLOOMING CALLA

This comparatively new calla has proven an excellent one; its character is exactly like the *Aethiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Mammoth bulbs, 35c. each; doz., \$3.50 (by parcel post, \$4.00); \$22.50 per 100.

### CALLA AETHIOPICA

If wanted by Parcel Post, add 50c. per doz. for postage.

	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam...	\$0.75	\$7.50	\$47.50
White, Mammoth Size, 1¾ to 2 in. diam...	.45	4.50	27.50
White, Medium Size, 1½ to 1¾ in. diam...	.35	3.50	18.00
White, First Size, 1¼ to 1½ in. diam...	.25	2.50	15.00



*Tuberous Rooted Begonias, Single and Double*

### YELLOW CALLA (*Elliottiana*)

(Ready in October)

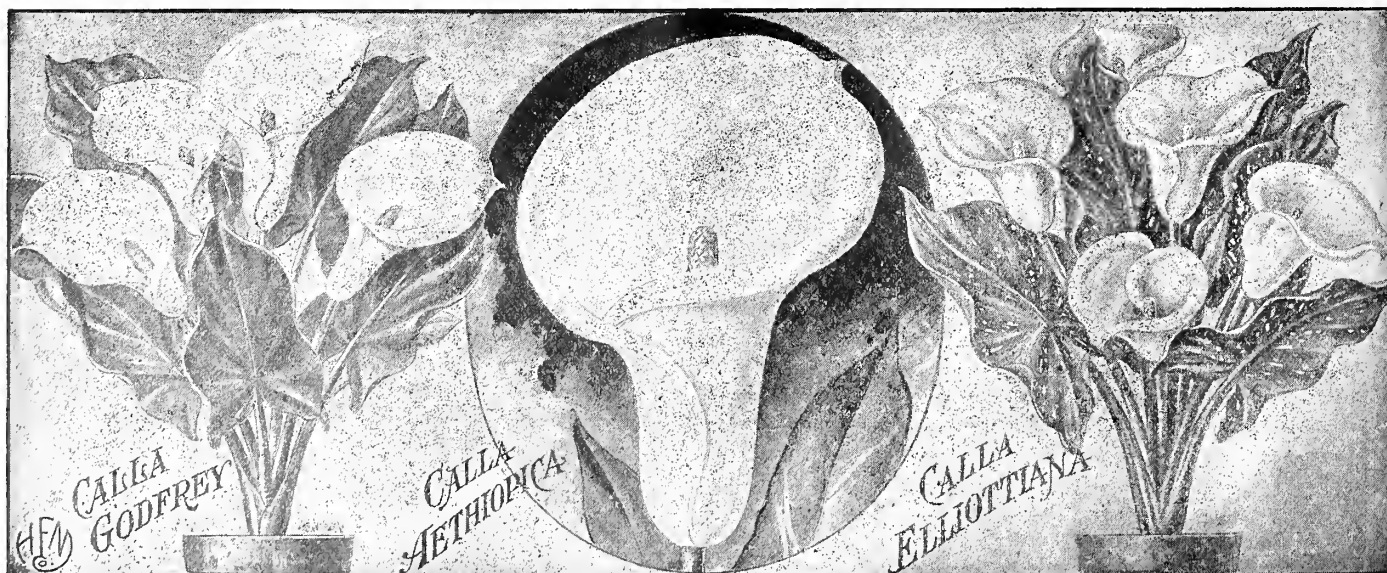
The rich, golden yellow flowers are large and massive and produced in abundance; foliage green spotted white; a very attractive variety.

First Size Bulbs. 25c. each; doz., \$2.50 (by parcel post, \$2.80).

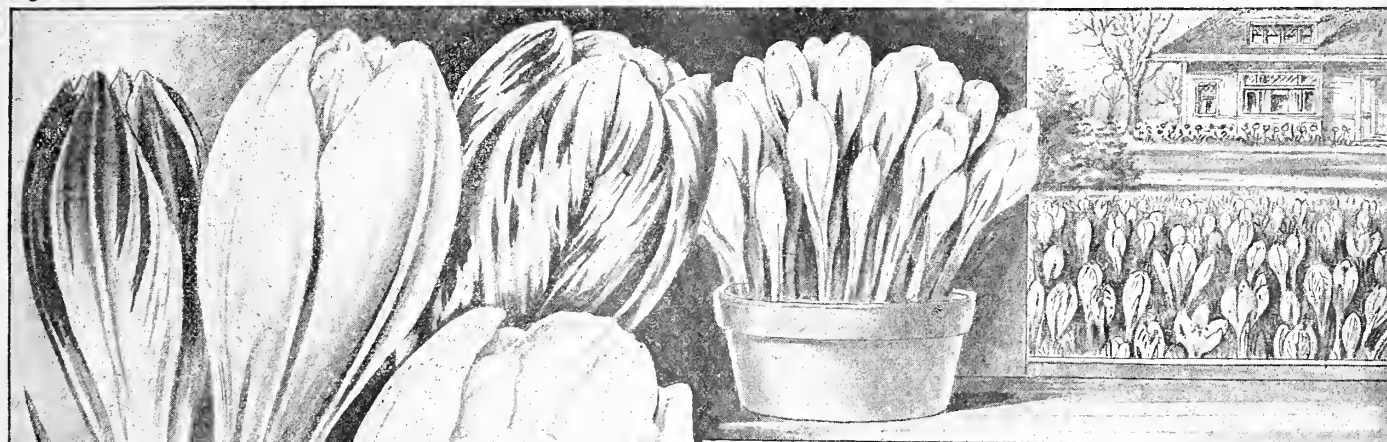
Mammoth Bulbs. 35c. each; doz., \$3.50 (by parcel post, \$4.00).

### SPOTTED CALLAS (Ready in October)

Flowers white, foliage green spotted white. 35c. each; doz., \$3.50 (by parcel post, \$3.65); \$22.50 per 100.







## CHIONODOXA (See next page)



Crown Imperial

## CROWN IMPERIAL

(Fritillaria Imperialis)

A majestic plant, producing early in spring, stout stems 3 to 4 feet long with a crown-like cluster of bell-shaped flowers at the top, which are gorgeous in coloring. Ideal for planting in hardy borders.

If wanted by Parcel Post, add 20c. per doz. for postage.

	Each	Doz.	100
Aurora. Orange red.....	\$0.35	\$3.00	\$18.00
Crown Upon Crown. Orange red.....	.35	3.00	18.00
Lutea. Yellow.....	.35	3.25	20.00
Mixed Colors.....	.35	3.00	18.00
Meleagris. Very Fine Mixed. Dwarf spring flowering plants, with large pendant bell-shaped flowers. Excellent for pot culture and valuable for large groups in the garden border (3 for 35c.).....	1.00	4.50	

## DIELYTRA or DICENTRA

(Bleeding Heart or Seal Flower)

Spectabilis. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. Its long sprays of graceful heart-shaped flowers are always attractive. 2 for \$1.10 (by parcel post, \$1.25); \$5.50 per doz. (by parcel post, \$6.00).

Mitchell's Giant Named Crocus

## CROCUS

One of the earliest flowers to bloom in spring; most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective.

An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot, this gives a very pretty effect.

The Giant Flowering varieties are also splendid for flowering in pots, but too severe forcing must not be attempted.

If wanted by Parcel Post, add 10c. per doz., 25c. per 100, for postage.

## GIANT NAMED CROCUS

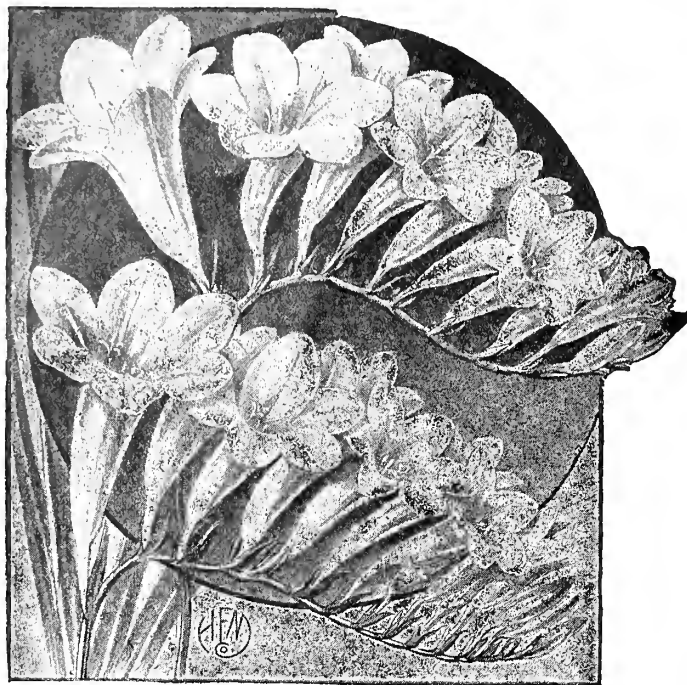
The bulbs of these varieties are very large and each bulb is capable of producing several flowers of large size.

	Doz.	100	1000
Baron Von Brunow. Deep blue.....	\$0.35	\$2.00	\$15.00
Cloth of Gold. Rich yellow, brown veins.....	.45	2.50	20.00
Cloth of Silver. Silvery white, striped lilac.....	.45	2.50	20.00
King of the Blues. Purple.....	.35	2.00	15.00
Mont Blanc. Pure white.....	.35	2.00	15.00
Sir Walter Scott. White, striped lilac.....	.35	2.00	15.00
Giant Named Mixed.....	.35	2.00	15.00

## MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple.....	\$0.25	\$1.25	\$9.50
Striped.....	.25	1.25	9.50
White.....	.25	1.25	9.50
Yellow.....	.35	2.00	15.00
Yellow. Mammoth size.....	.50	2.75	21.00
Yellow. Giant size.....	.60	3.25	25.00
Mixed. All colors.....	.20	1.00	8.00



Purity Freesia

## FREESIA "PURITY"

The Freesia is one of the most popular and easily grown of the winter blooming bulbs, and exceptionally valuable for cutting; the flowers are very fragrant and last well after being cut.

The Purity Freesias are a pure glistening white; the stems are often 15 inches long and very wiry. Each bulb will produce 3 or 4 flower stems.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
First Size Bulbs.....	\$0.40	\$2.00	\$15.00
Mammoth Size Bulbs.....	.70	3.50	27.50
Monster Size Bulbs.....	1.00	6.00	50.00
Jumbo Bulbs.....	1.25	7.00	60.00

## COLORED FREESIAS

The colored Freesias are becoming very popular on account of their unique colorings and shadings.

	Doz.	100
<b>Amethyst.</b> Purple violet; large flowers on long stems.....	\$1.10	\$6.50
<b>Aurora.</b> Yellow, suffused orange.....	1.00	6.50
<b>California.</b> Bright golden yellow.....	1.00	6.50
<b>Carmencita.</b> Orange salmon, buff shading on lower petals.....	1.00	6.50
<b>Carrie Budau.</b> Lavender pink.....	1.00	6.50
<b>General Pershing.</b> Bronzy pink.....	.75	5.00
<b>Illena.</b> Deep rosy lavender with white throat, orange blotch on lower petal.....	1.00	6.50
<b>June Michelsen.</b> Deep rose pink, with white throat, lower petals veined crimson.....	1.25	7.50
<b>Mrs. Marc Peters (New).</b> Deep rosy salmon, blotched golden yellow; early.....	1.25	7.50
<b>Olivette.</b> Carmine red with yellow throat.....	1.00	6.50
<b>Orange.</b> .....	1.00	5.00
<b>Red.</b> .....	1.00	5.00
<b>Splendens.</b> Lavender.....	1.00	5.00
<b>Yellow.</b> .....	1.00	5.00
<b>Yellow Prince.</b> Deep yellow; fine forcing variety....	1.00	6.50
<b>Rainbow Mixture.</b> .....	.65	3.75

## GLADIOLUS (For Forcing) (Ready in November)

List and prices upon application.



Chionodoxa

## CHIONODOXA (Glory of the Snow)

An early flowering spring bulb for borders or rockery, also for massing on a lawn like crocus. Height about 6 inches.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
<b>Luciliae.</b> Bright blue with white center...	\$0.60	\$3.25	\$25.00
<b>Sardensis.</b> Very deep blue with white center	.65	3.50	27.50



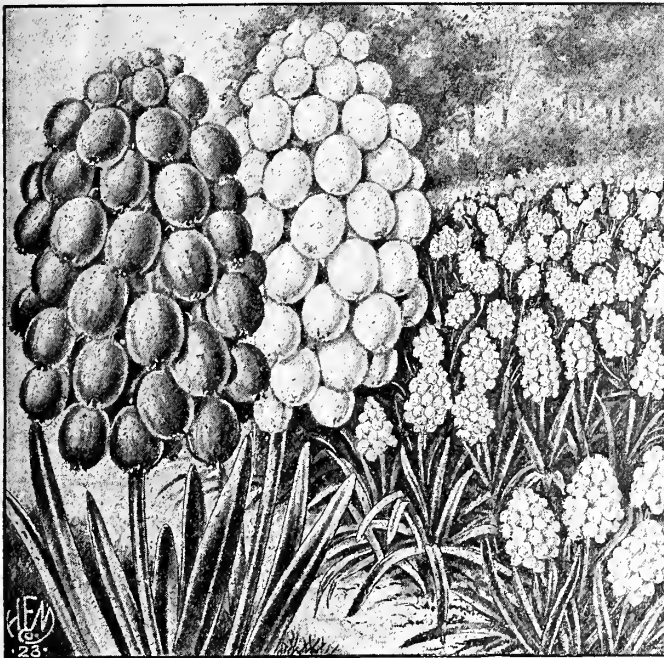
Gloxinias

## GLOXINIAS (Ready in January)

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. We offer extra fine large bulbs.

If wanted by Parcel Post, add 25c. per doz., 40c. per 100, for postage. Single bulbs mailed free.

	Each	Doz.	100
<b>Purple.</b> .....	\$0.45	\$4.00	\$27.50
<b>Rose.</b> .....	.45	4.00	27.50
<b>Choice Mixed Colors.</b> .....	.45	4.00	27.50



*Grape Hyacinths*

## GRAPE HYACINTHS (Muscari)

A charming bulb for the hardy garden, where they may remain undisturbed for years. Blooms outdoors during April and May. Also excellent for pot culture.

If wanted by Parcel Post, add 20c. per 100 for postage.

	Doz.	100	1000
Botryoides Albus. White	\$0.70	\$3.50	\$27.50
“Heavenly Blue. Large flowers of a beautiful sky blue color	.60	3.25	25.00



*Irises*

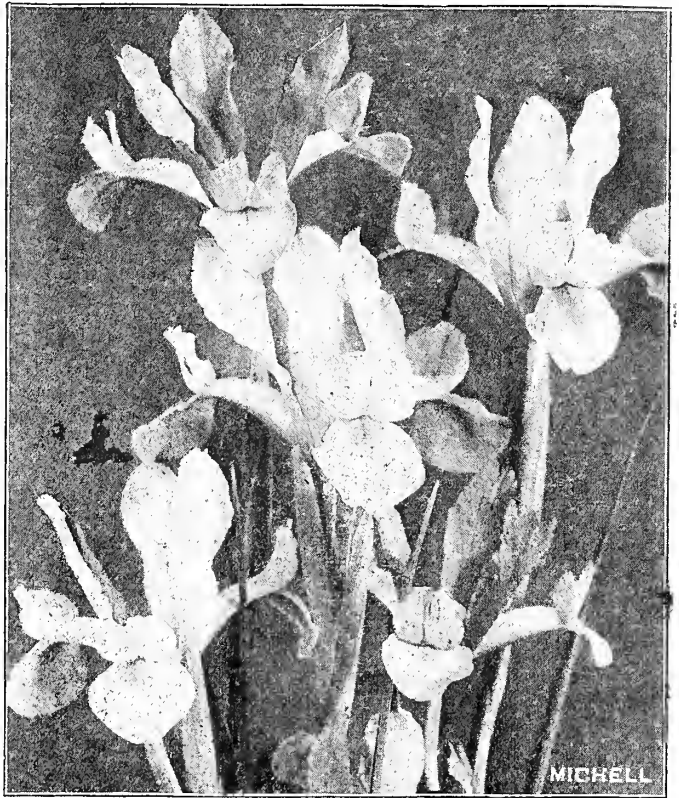
## IXIAS

A charming little stove and conservatory bulb; it may also be planted outdoors if put in a protected position with plenty of covering during the winter, and in well drained soil.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Scarlet	\$0.60	\$3.25	\$27.50
Extra Fine Mixture	.50	2.50	20.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate



*A Bunch of Spanish Iris*

## SPANISH IRIS (Iris Hispanica)

(Ready in October)

Graceful, slender stems, with loose but beautiful flowers, the charming colors producing a combination not surpassed by an orchid. The finest effects are produced when planted in clumps in the perennial border; flowering period May and early June. They are also excellent for growing in pots indoors. Mammoth Bulbs.

If Iris is wanted by Parcel Post, add 25c. per 100 for postage.

	Doz.	100	1000
Best Named Varieties	\$1.00	\$6.00	\$50.00

## DUTCH IRIS (Hollandia)

These are best described as a giant strain of early flowering Iris Hispanica, blooming fully two weeks earlier; flowers very large.

	Doz.	100	1000
Best Named Varieties	\$1.00	\$7.00	\$60.00

## IRIS FILIFOLIA

A strain of Iris Hispanica, that flowers from 2 to 3 weeks earlier.

	Doz.	100	1000
Imperator. Blue; large flower; excellent forcer	\$1.10	\$7.00	\$60.00

## IRIS TINGITANA

	Doz.	100	1000
A beautiful light blue; excellent for early forcing	\$1.50	\$10.00	\$80.00

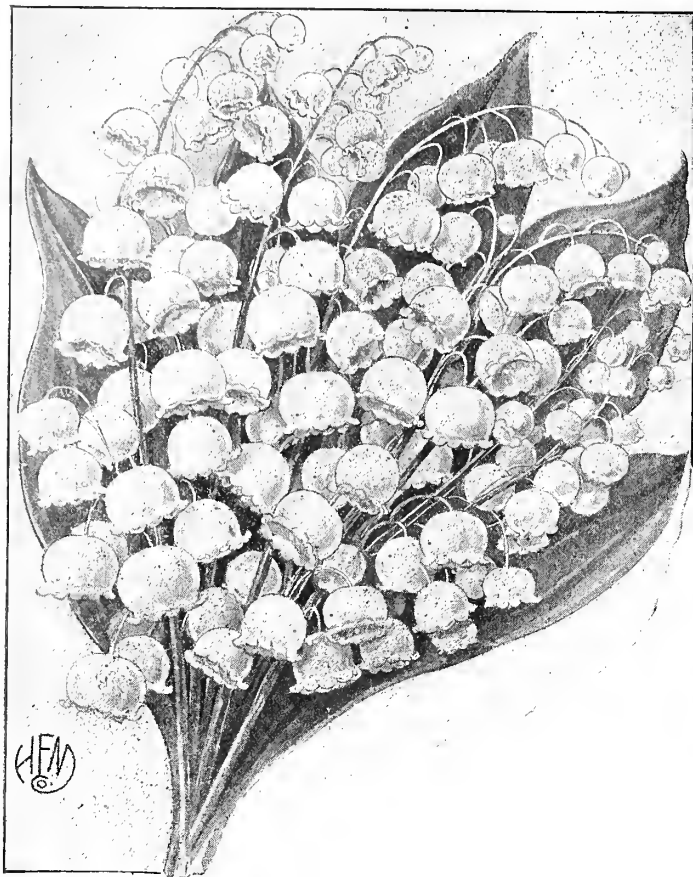
## TESTIMONIAL

I certainly do feel that I owe you thanks for the beautiful lot of bulbs you sent me last November. I do not think I ever saw a more beautiful lot and everyone who has seen them wishes to know where I got them.

Hopewell, N. J.

F. S. T.



*Lily of the Valley*

## LILY OF THE VALLEY

(Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist.

**Michells' Fancy Giant Flowering.** The finest strain of Valley procurable. 25 for \$1.25; \$5.00 per 100; per 1000, \$45.00.

**Bundles or Clumps.** Ready in November. For outdoor planting only. 75c. each; per doz., \$7.00; \$50.00 per 100.

## COLD STORAGE LILY OF THE VALLEY

(Ready Now)

Per 100, \$7.50; \$17.50 for 250; 500 for \$32.50; \$65.00 per 1000. Not less than 100 can be supplied.

## NERINE

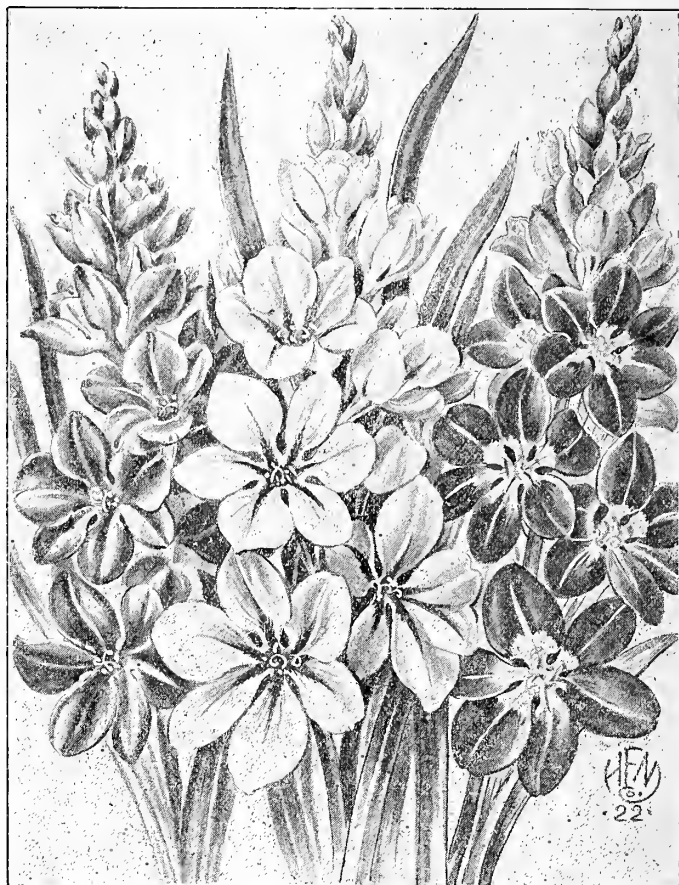
**Sarniensis (Guernsey Lily).** Bright red, with a tinge of salmon and gold; flower stalks 15 to 18 inches in height bearing 3 to 6 flowers at a time. 50c. each; per doz., \$5.00 (by parcel post, \$5.20).

### TESTIMONIAL

Clinton, Md.

I write to acknowledge with my best thanks, the receipt of the bulbs you sent me a few days ago, they are fine.

T. S.

*Montbretia*

## MONTBRETIAS (Ready in December)

A beautiful flowering bulb resembling a miniature Gladiolus; absolutely hardy and only effective when planted in masses of from 50 to 100 bulbs in a clump. The bulbs can be planted as long as the ground is open, about 3 inches deep; they can also be planted in the early spring.

If wanted by Parcel Post, add 20c. per 100 for postage.

	Doz.	100
<b>Aurea.</b> Yellow.....	\$1.00	\$6.00
<b>Crocsmeaflora.</b> Reddish orange, with golden center.....	1.00	6.00
<b>Elegans.</b> Three of the petals are red, the other three yellow.....	1.00	6.00
<b>Rayon d'Or.</b> Large deep golden yellow with red center.....	1.25	7.00
<b>Fire King.</b> Fiery red.....	1.25	7.00

### TESTIMONIAL

High Point, N. C.

The bulbs I received from you last year were the finest and largest bulbs I ever had from any source.

Mrs. C. H.

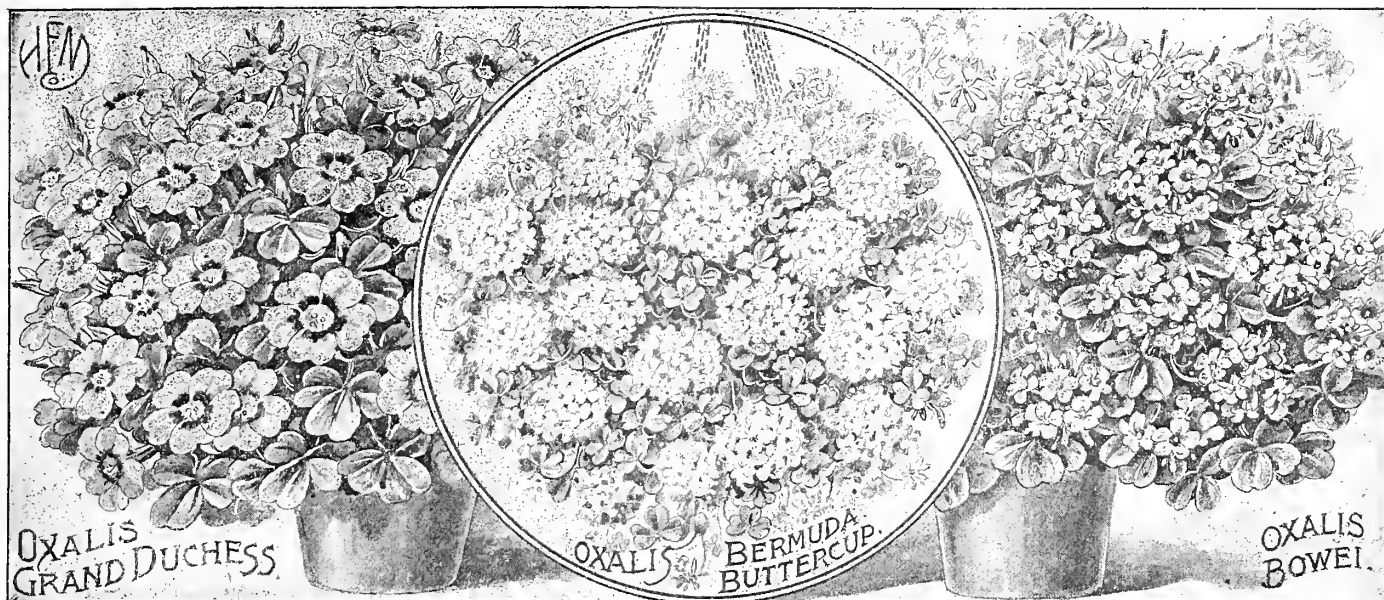
### TESTIMONIAL

Conyers, Ga.

Your bulbs gave perfect satisfaction last year.

J. R. A.





## OXALIS

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting. Plant 4 to 6 bulbs in a pot or hanging basket.

		Doz.	100	By P. P.
Grand Duchess.	Lavender .....	\$0.45	\$2.50	\$2.75
"	" Pink .....	.45	2.50	2.75
"	" White .....	.45	2.50	2.75
"	" Yellow .....	.45	2.50	2.75
Bermuda Buttercup.	Yellow, first size ..	.40	2.50	2.75
Bowei.	Large flowering; rich pink .....	.60	3.50	3.75

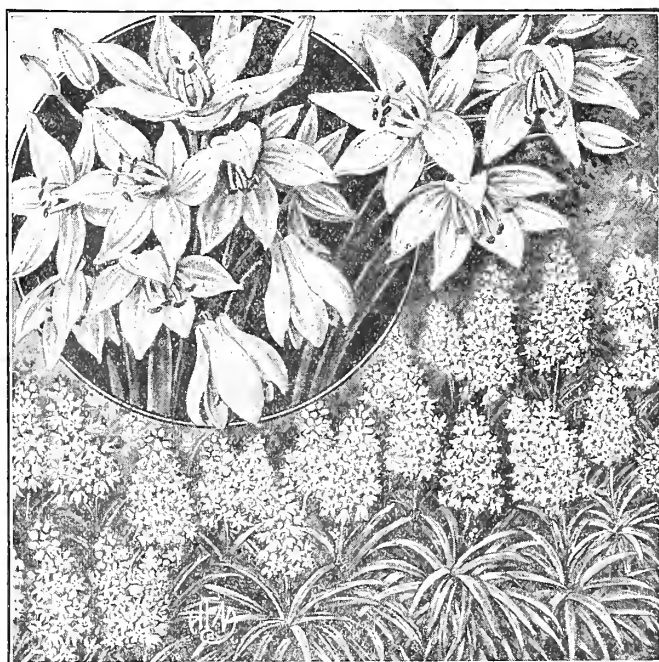


Ranunculus

## RANUNCULUS (Buttercup)

An attractive flower resembling a giant double buttercup, or double poppy. They should be grown in pots indoors for winter blooming or in frames outdoors for early spring flowering. The colors are bright, clear and pure.

	Doz.	100	By P. P.	1000
Giant Fringed Mixed .....	\$0.85	\$5.00	\$5.15	\$40.00



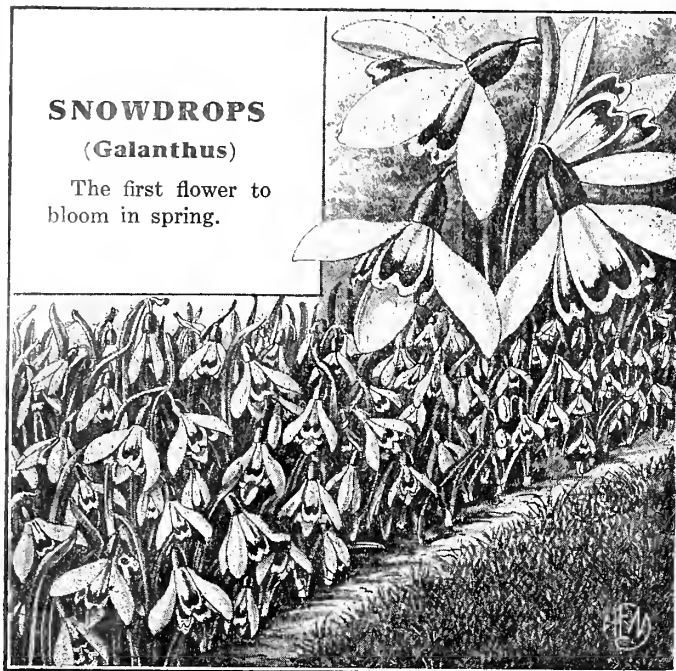
Scillas

## SCILLAS

(Squills, Wood Hyacinths, Blue Bells, Etc.)

Excellent for planting around beds of tulips, hyacinths or daffodils, or among shrubbery in the herbaceous border. They also do well if planted indoors in pots or pans. The Campanulata type grow about 15 inches high; the Siberica 3 to 4 inches.

	Doz.	100	By P. P.	1000
Campanulata Alba. White .....	\$0.70	\$4.00	\$4.15	\$32.50
" Coerulea. Blue ..	.70	4.00	4.15	32.50
" Rosea. Pink .....	.85	5.00	5.15	40.00
Siberica. Blue, first size bulbs .....	.75	3.75	3.90	32.50
" Mammoth bulbs .....	.85	5.00	5.15	40.00



# SNOWDROPS

(Galanthus)

The first flower to bloom in spring.

No flower plays a more important part in the garden than the Snowdrop, not only being the earliest to bloom, but one of the loveliest. A combination of Crocus, Scillas and Snowdrops make a glorious effect when planted promiscuously in a border, one following the other in flowering and in change of color. They are perfectly hardy.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Double. Pure white.....	\$0.85	\$5.50	\$40.00
Single. Pure white.....	.60	3.75	30.00

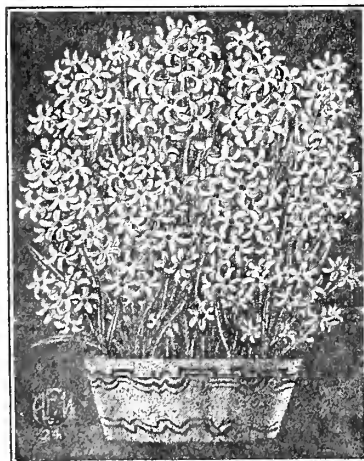
# ZEPHYRANTHES (Fairy Lily)

A splendid pot plant for winter, of easiest culture. Planted outdoors in May, they will flower the entire season.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Each	Doz.	100
Treatea Alba. White.....	\$0.10	\$1.00	\$5.00
Treatea Rosea. Pink.....	.15	1.60	10.00

# MICHELL'S PREPARED BULB FIBRE



Roman Hyacinths Growing in Fibre

The ideal material in which to grow bulbs, such as Roman Hyacinths, Dutch Hyacinths, Narcissus, Tulips, etc., using vases, crocks, or other receptacles, without drainage. The advantage of this system is that the vases can be placed anywhere about the house, in the drawing room, or dining room, without any fear of water or soil coming through the base of the pots. The bulbs are potted the same way as in ordinary soil, after which they require little attention, except to keep the material moist.

Price, 15c. per qt.; 4 qts., 45c.; 75c. per peck; ½ bu., \$1.25; \$2.00 per bu.



Spirea, Gladstone

# SPIREA

(Ready in December)

This is a favorite Easter plant, rivaling with the lily. If wanted for indoor blooming, pot the roots on arrival, water well and place outdoors for about 6 to 8 weeks. They may be brought in and placed in a moderately warm room, the cooler, without freezing, however, the better. They can be made to flower almost any time by putting in a warmer place.

**Gladstone.** This popular, large flowering variety is an improvement on all other white varieties. The immense trusses of flowers are snow white, borne on strong, erect stalks and are produced in great abundance. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Princess Mary.** An extra fine pink variety; a strong vigorous grower and free bloomer; a splendid forcer. 85c. each; per doz., \$9.00; \$65.00 per 100.

**Queen Alexandra.** A beautiful shade of pink. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. 85c. each; per doz., \$9.00; \$65.00 per 100.

# MATERIAL FOR SUCCESSFUL HOUSE CULTURE OF BULBS

	Qt.	4 qts.	Pk.	Bu.	Bbl.
Charcoal ( <i>Lump</i> ).....	\$0.10	\$0.35	\$0.65	\$1.50	\$2.25
Leaf Mould.....	.10	.30	.50	1.50	3.25
Pebbles.....	.10	.40	.75	2.50	5.00
Potting Sand.....	.10	.25	.40	1.40	3.00
Prepared Potting Soil.....	.10	.25	.40	1.50	3.25
	Each	Doz.	100		
6 inch Bulb Pans.....	\$0.09	\$0.98	\$7.29		
7 inch Bulb Pans.....	.15	1.62	12.15		
4 inch Pots.....	.04	.36	2.70		
Hyacinth Glasses.....	.40	4.00			

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

(oa)

# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

19

## FOR AUTUMN AND EARLY WINTER SOWING

The Perennial Flower Seeds listed in the following pages, if sown in the fall in a cold frame or a protected corner of the garden will produce plants that will give splendid results the next season.

For Complete List of Flower Seeds, see Our General Catalogue for 1925

### ACHILLEA (Milfoil or Yarrow)

Large pkt. Pkt.  
**Ptarmica, Fl. Pl., "The Pearl."** Tall erect plants, bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 feet.....\$0.75 \$0.10

### ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; 4 feet; August-September.

Large pkt. Pkt.  
**Napellus. Blue**.....\$0.40 \$0.10

### AGROSTEMMA

**Coronaria (Mullein Pink).** Erect growing plants with silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet; June to August..... .25 .10

### ALYSSUM

**Saxatile Compactum (Basket of Gold).** Showy golden yellow flowers; hardy perennial; excellent for rock work or border; 1 foot.....oz., 90c. .30 .10

### ANCHUSA (Sea Bugloss)

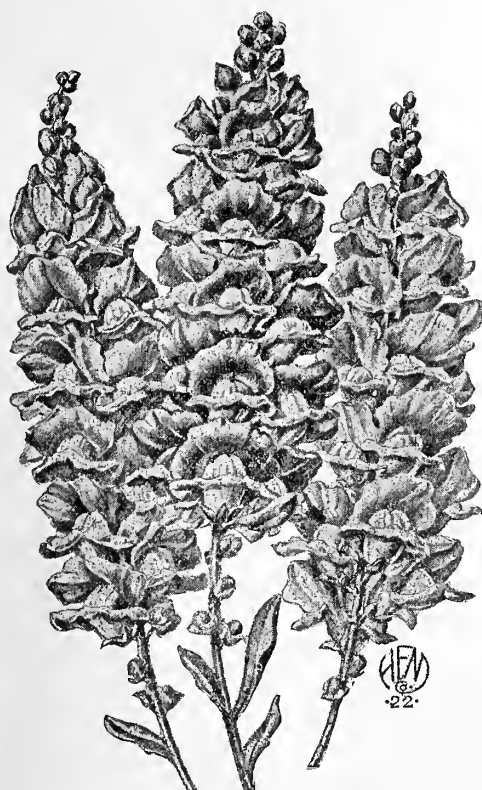
**Italica "Dropmore."** A hardy perennial plant, 4 feet high, with an abundance of beautiful flowers of a lovely gentian blue..... .30 .10

### ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial. Large pkt. Pkt.

**Coronaria.** Mixed colors; 1 foot.....\$0.30 \$0.10

**St. Brigid, or Poppy.** Flowers of large size; semi-double and double, in many colors; 1 foot..... .60 .15



Antirrhinum (Snapdragon) Philadelphia Pink

### ANTHEMIS (Hardy Marguerite)

Large pkt. Pkt.  
**Tinctoria Kelwayi.** A handsome hardy perennial, bearing all summer, daisy-like bright yellow flowers; excellent for cutting; 2 feet.....\$0.40 \$0.10

### AQUILEGIAS OR COLUMBINES

A graceful spring flowering plant; very effective in the herbaceous border and among shrubbery; exquisitely spurred flowers on stems 2 feet above the fern-like foliage. Large pkt. Pkt.

**Californica Hybrida.** Mixed colors; long spurs..\$0.60 \$0.10

**Chrysanth (Golden Spurred).** Bright golden yellow..... .60 .10

**Coerulea (Rocky Mountain Columbine).** Large flowers, violet-blue and white..... .60 .10

**Long Spurred Hybrids.** Flowers of many rich and varied colors, with long spurs..... .60 .10

**Rose Queen.** Pink, white center, yellow anthers.. .75 .15

**Double Mixed.** All colors.....oz., 90c. .25 .10

**Single Mixed.** All colors.....oz., 75c. .25 .10

### ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter. For winter flowering in the greenhouse, seed is usually sown from July to September.

### SPECIAL FORCING VARIETIES

Large pkt. Pkt.

**Helen.** Lovely salmon color.....\$1.25

**Keystone.** Large spikes; color rose pink.....\$0.75 .25

**Michell's Salmon Pink.** Long spikes of flowers of a delicate salmon pink..... .50 .15

**Orlando.** Bronze color.....1.00 .25

**Philadelphia Pink.** Considered to be the finest pure pink; an exquisite shade..... .75 .25

**Silver Pink.**..... .75 .25

### MAXIMUM VARIETIES

A new group of Antirrhinums with extra large flowers; these are also forcing varieties.

Large pkt. Pkt.

**Canary Bird.** Canary yellow, golden center.....\$0.50 \$0.25

**Cattleya.** Silvery rosy lilac..... .50 .25

**Snowflake.** Pure white, yellow tube..... .50 .25

**Mixed.** Maximum varieties..... .40 .25

### MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

Large pkt. Pkt.

**Giant Brilliant Rose**.....\$0.30 \$0.10

**Giant Garnet**..... .30 .10

**Giant Pink**..... .30 .10

**Giant Scarlet**..... .30 .10

**Giant White**..... .30 .10

**Giant Yellow**..... .30 .10

**Collection,** one packet each six colors, 50c.

**Giant Mixed.** All colors.....oz., 90c. .30 .10

**Tall Mixed.** Regular strain; 2 feet.....oz., 60c. .25 .10

### SEMI-DWARF ANTIRRHINUMS

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem.

Large pkt. Pkt.

**Bonfire.** Orange buff, shaded scarlet.....\$0.40 \$0.10

**Bride.** Pure white..... .40 .10

**Daphne.** Carmine pink, white throat..... .40 .10

**Firebrand.** Rich deep red..... .40 .10

**Golden Queen.** Golden yellow..... .40 .10

**Mauve Queen.** Lilac mauve..... .40 .10

**Mont Blanc.** Pure white..... .40 .10

**Nelrose.** Pink..... .40 .10

**Mixed.** All colors.....oz., \$1.00 .80 .10

**Tom Thumb Mixed.** All colors; 12 inches..... .30 .15



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

## ARABIS (Rock Cress)

**Alpina.** Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches. . . . . \$0.25 \$0.10

## ASPARAGUS

**Plumosus Nanus.** An excellent plant for house or conservatory decoration. . . . . \$1.00 \$0.25  
**Sprengeri.** One of the best plants to grow in hanging baskets for greenhouse in winter or for outdoors in the summer. . . . . .50 .10

## ASPERULA (Woodruff)

**Odorata.** Dwarf spring flowers; pure white; thrives in shady situations; perennial; 1 foot; May. \$0.30 \$0.10

## ASTER, PERENNIAL (Michaelmas Daisy)

**Choice Mixed.** A showy perennial plant, thriving in any good garden soil; star-like single flowers; 2 to 3 feet. . . . . \$0.40 \$0.10

## AURICULA (Primula Auricula)

**Choice Mixed.** These early flowering perennial plants resemble primroses; multi-colored flowers in great variety; fine for borders, pot culture, etc. 6 inches. . . . . .75 .10

**BABY'S BREATH.** See *Gypsophila*

**BELLIS PERENNIS.** See *Daisy*

## BAPTISIA (False Indigo)

**Australis.** A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in June and July. . . . . .50 .10

## BOCCONIA (Plume Poppy)

**Cordata.** A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet. . . . . .25 .10

## BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. . . . . Large pkt. Pkt.

**Elata Coerulea.** Sky-blue flowers. . . . . \$0.30 \$0.10

**Speciosa Major.** Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering. . . . . .75 .20

## CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory; produces a mass of pocket-like flowers. . . . . Large pkt. Pkt.

**Hybrida Grandiflora, Tall Mixed.** Large, rich, self-colored flowers saved from a choice collection; 18 inches. . . . . \$0.85 \$0.25

**Hybrida Grandiflora, Pumila Compacta.** Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot. . . . . .85 .25

**Rugosa Mixed (Shrubby).** Small flowering, for bedding. . . . . .85 .25

## CALLIOPSIS (Coreopsis)

**California Sunbeams.** Large flowers beautifully formed; yellow and brown. . . . . oz., 75c. .25 .10

**Lanceolata Grandiflora.** Single golden yellow flowers of graceful form; invaluable for cutting; blooms the entire summer. . . . . oz., 50c. .25 .10

## CANDYTUFT (Iberis)

**Sempervirens.** Dwarf spring flowering perennial; much used for rockeries, etc; flowers glistening white; May; 1 foot. . . . . .60 .10



## CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Thrives best in light, rich soil.

	Oz.	Large pkt.	Pkt.
Single Blue	\$0.60	\$0.25	\$0.10
“ Pink	.60	.25	.10
“ White	.60	.25	.10
“ Mixed	.50	.25	.10
Double Blue		.50	.10
“ Pink		.50	.10
“ White		.50	.10
“ Mixed	1.50	.40	.10

## CAMPANULA MEDIA CALYCANTHEMA (CUP AND SAUCER CANTEBURY BELLS)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large pkt.	Pkt.	Large pkt.	Pkt.
Blue	\$0.50	\$0.10	White	\$0.50 \$0.10
Pink	.50	.10	Mixed, 1/4 oz., 60c.	.50 .10

## CAMPANULAS OR BELLFLOWERS (PERENNIAL VARIETIES)

One of our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers. . . . . Large pkt. Pkt.

**Carpatica (Carpathian Hare Bell).** Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July. . . . . \$0.40 \$0.10

**Carpatica, Alba.** Pure white. . . . . .40 .10

**Persicifolia Grandiflora (Peach Bells).** Blue; spikes 2 to 3 feet high with bell-shaped flowers. . . . . .75 .15

**Persicifolia Grandiflora, Alba.** Pure white. . . . . .75 .15

**Pyramidalis (Chimney Bell Flower).** Perfect pyramids 4 to 6 feet high, crowded with large bell-shaped flowers, blue and white mixed. . . . . .40 .10

## CARNATION

These are general favorites for their richness of color and delightful fragrance. Desirable for greenhouse culture in winter as well as for the garden in summer.

	Large pkt.	Pkt.
Chabaud's Everblooming, Mixed. Blooms in five months after being sown.....	\$0.60	\$0.15
Choice Mixed. Double border varieties.....	.50	.10
Early Vienna. Large double flowers in mixture.....	.50	.10

## MARGUERITE CARNATIONS

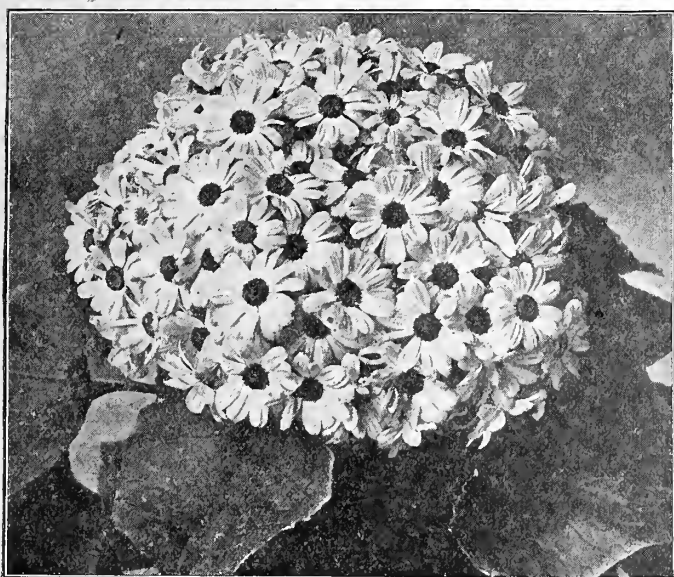
These are very popular as they commence to flower in a few weeks from time of sowing. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

	Large pkt.	Pkt.
Pink.....	\$0.50	\$0.10
Scarlet.....	.50	.10
White.....	.50	.10
Yellow.....	.50	.10
Choice Mixed.....	oz., \$2.00	.40 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

## CERASTIUM (Snow in Summer)

	Large pkt.	Pkt.
Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches.....	\$0.40	\$0.10



*Cineraria, Multiflora Nana*

## CINERARIA

Most ornamental plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our strains cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across.

### CINERARIA, MULTIFLORA NANA

#### Berlin Market Strain (Novelty)

A new and improved strain of this splendid pot plant; very dwarf and compact habit of growth, the flowers are of large size, produced in great profusion and in a range of the best colors and shades.

	Large pkt.	Pkt.
Azure Blue.....	\$2.00	\$0.50
Dark Blue.....	2.00	.50
Dark Red.....	2.00	.50
Rose.....	2.00	.50
Mixed Colors.....	1.75	.50

### CINERARIA, GRANDIFLORA PRIZE

	Large pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit.....	\$0.85	\$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant.....	.85	.35
Matador. Large flowering scarlet.....	.85	.35
Stellata Hybrida. Of graceful habit; produces a profusion of flowers; mixed colors.....	.75	.25

## CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms from July to September.

	Large pkt.	Pkt.
Montana (Hardy Cornflower). Blue; 18 inches.....	\$0.30	\$0.10

## CHEIRANTHUS

Allionii (Siberian Wallflower). A biennial growing about 12 inches high, with brilliant orange flowers.....	.30	.10
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## CHRYSANTHEMUM (Perennial)

	Large pkt.	Pkt.
Early Flowering, Double and Semi-Double. Very showy; excellent for cutting; 1 foot.....	\$0.75	\$0.25
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 2 feet.....	.75	.15
King Edward VII. Flowers extra large, pure white and of perfect form.....	.30	.10
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet.....	.60	.10

## CLEMATIS

Perennial climber; fine for arbors, verandas, etc. <i>Paniculata</i> (Japanese Virgin's Bower). The beautiful autumn-flowering variety, admired for its fragrant, white star-shaped flowers.....	.25	.10
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## COLUMBINE. See *Aquilegia* CONE FLOWER. See *Rudbeckia*

## COREOPSIS. See *Calliopsis*

## COWSLIP. See *Primula Veris*

## CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

### MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 seeds	Pkt.
Bright Red.....	\$2.50	\$0.50
Dark Blood Red.....	2.50	.50
Glory of Wandsbek. Salmon red.....	2.50	.50
Perle of Zehlendorf. Salmon pink.....	2.50	.50
Pure White.....	2.50	.50
Rose of Marienthal. Bright pink.....	2.50	.50
White with Carmine Eye.....	2.50	.50
Mixed. All colors.....	2.00	.40

Ask for Culture Leaflet No. 215 on the growing of Cyclamen.

## DAISY, ENGLISH DOUBLE (*Bellis Perennis*)

These are favorite perennials; easily raised from seed; blooms from early spring until well in the summer; 4 inches. The *Monstrosa* varieties surpass all other strains in their strong, robust growth and extra large double flowers.

	Large pkt.	Pkt.
Monstrosa, Pink.....	\$0.75	\$0.25
Monstrosa, White.....	.75	.25
Monstrosa, Mixed.....	.75	.25
Longfellow. Large double pink flowers.....	.60	.10
Snowball. Purest white; large and double.....	.60	.10
Double Mixed. Extra fine.....	.50	.10

## DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials, very easily grown from seed. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded and new shoots will produce flower heads successively.

	Large pkt.	Pkt.
Belladonna. One of the most continuous blooming varieties; immense spikes of clear turquoise blue, which cannot be excelled for beauty; 5 feet.....	\$0.60	\$0.25
Bellamosum. A rich, deep blue form of the popular light blue Belladonna.....	.75	.25
Chinese Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet.....	oz., \$1.25	.30 .10
Chinese Grandiflorum Album. Pure white flowers.....	oz., \$1.25	.30 .10
Formosum. Deep blue.....	oz., \$3.50	.75 .10
Gold Medal Hybrids. Produces long spikes of large flowers. An extra fine strain containing many shades of blue.....	oz., \$1.50	.40 .10
Blue Butterfly. An annual variety, of an exquisite deep blue.....	oz., \$2.25	.50 .15



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS

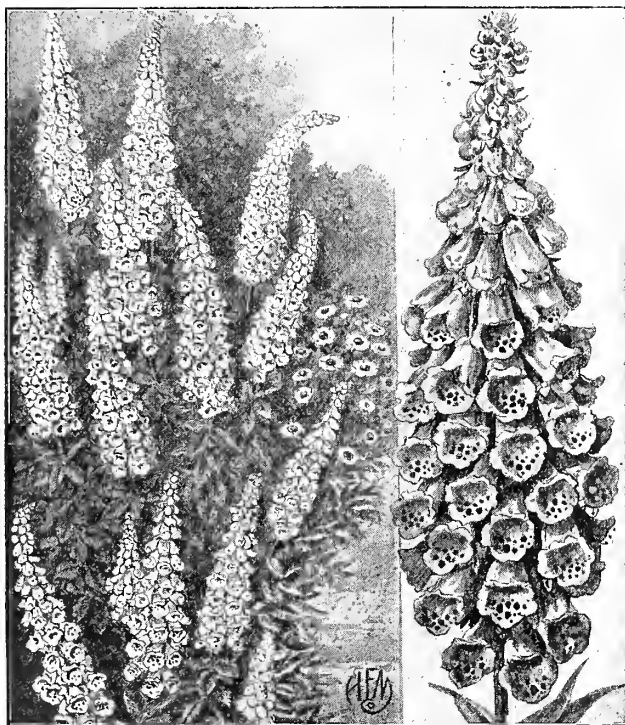
## DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers. Large pkt. Pkt.

<b>Clove Scented.</b> Double and semi-double varieties, in beautiful colors; fragrant.....	\$0.50	\$0.10
<b>Double Scotch.</b> Choice mixed colors.....	.50	.15
<b>Erfurt.</b> Of dwarf, compact growth; blooms early; mixed colors.....	.60	.10
<b>Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William).</b> Double scarlet.....	.40	.10
<b>Pheasant's Eye.</b> Single fringed flowers; mixed colors.....	oz., 75c. .25	.10

## DICTAMNUS (Gas Plant)

<b>Fraxinella.</b> Showy, bushy plants, 2½ feet high; purple red flowers; June and July.....	.25	.10
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*Digitalis (Foxglove) Gloxiniaeflora*

## DIGITALIS (Foxglove)

Showy hardy perennials of easy culture; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large pkt.	Pkt.
<b>Gloxiniaeflora, Pink</b> .....	\$1.00	\$0.30	\$0.10
<b>Purple</b> .....	1.00	.30	.10
<b>White</b> .....	1.00	.30	.10
<b>Mixed</b> .....	.75	.25	.10
<b>Grandiflora. Yellow</b> .....	1.25	.30	.10

## EUPATORIUM

<b>Fraseri.</b> A fine hardy perennial, thriving in almost any situation, excellent for cutting; 2 feet.....	\$0.30	\$0.10
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## FERN SPORES

Very desirable plants for ferneries.

<b>Adiantum (Maiden Hair).</b> Mixed.....	1.00	.15
<b>Pteris Varieties.</b> Mixed.....	1.00	.15
<b>All Sorts Mixed.</b> Choice collection.....	1.00	.15

We can also furnish all other good varieties of fern spores.

**FORGET-ME-NOT.** See *Myosotis*

**FOXGLOVE.** See *Digitalis*



*Gaillardia, Grandiflora Superba*

## GAILLARDIA (Blanket Flower) PERENNIAL VARIETIES

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size. Large pkt. Pkt.

<b>Grandiflora Dazzler (New).</b> Very large flowers, on long stems; color, bright golden yellow, with rich maroon-red center.....	\$0.60	\$0.25
<b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches.....	oz., 90c. .30	.10
<b>Grandiflora Sanguinea.</b> Blood-red flowers; 2 ft....	.30	.10
<b>Grandiflora Semi Double.</b> Mixed.....	.30	.10
<b>Grandiflora Superba.</b> Mixed; 2 feet.....	oz., 90c. .25	.10

## GENTIANA (Blue Gentian)

<b>Acaulis.</b> A dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.....	.40	.10
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## GEUM

<b>Atrosanguineum Fl. Pl.</b> Hardy perennial, bearing large, showy, double, dark crimson flowers all through the summer; fine for bouquets; 1½ ft....	.40	.10
<b>Mrs. Bradshaw.</b> Large, double brilliant scarlet flowers; blooms the entire summer.....	.60	.15

## GLOXINIA

<b>Hybrida Grandiflora.</b> An extra fine strain, embracing all the choicest self-colored and tigered and spotted flowers.....	.85	.25
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## GYPSOPHILA (Baby's Breath)

	Oz.	Large pkt.	Pkt.
<b>Paniculata.</b> Hardy perennial variety; flowers in graceful sprays of white.....	\$0.60	\$0.25	\$0.10
<b>Paniculata fl. pl.</b> Double white flowers....	.75		.20

## HELENIUM (Sneeze Wort)

<b>Autumnale Superbum.</b> Perennial; large heads of golden yellow flowers; 5 to 6 feet.....	.40	.10
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## HELIOPSIS (Orange Sunflower)

<b>Pitcheriana.</b> A handsome hardy perennial, producing an abundance of deep orange-yellow flowers the entire summer; excellent for cutting; 3 to 4 feet..	.25	.10
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## HEUCHERA (Alum Root)

Large pkt. Pkt.

**Sanguinea.** Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot.....\$0.75 \$0.10

## HIBISCUS (Marshmallow)

Large pkt. Pkt.

Showy ornamental perennial plants for mixed beds or shrubby borders.

**Crimson Eye.** Flowers large; color, pure white with velvety crimson centre, 4 feet.....\$0.25 \$0.10

**Moscheutos.** Large, rosy pink flowers......30 .10

**New Giant (Mallow Marvel).** A greatly improved form; gigantic single flowers; many shades of red, pink, purple and white in mixture..... .25 .15

## HOLLYHOCK

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a back ground for other flowers; 6 to 7 feet. Oz. Large pkt. Pkt.

**Allegheny.** Semi-double; mammoth flowers, edges fringed and lacinated; mixed...\$1.50 \$0.40 \$0.10

**Chater's Double, Maroon.....** 2.00 .50 .10

" " **Pink.....** 2.00 .50 .10

" " **Red.....** 2.00 .50 .10

" " **Salmon.....** 2.00 .50 .10

" " **White.....** 2.00 .50 .10

" " **Yellow.....** 2.00 .50 .10

" " **Mixed.....** 1.50 .40 .10

**Double Newport Pink.** Pure pink..... 2.25 .50 .10

**Collection, one pkt. each 6 colors.....** .50

**Double Ever-blooming Mixed.....** 1.50 .40 .15

**Single Ever-blooming Mixed.....** .90 .30 .10

**Single Mixed.....** .90 .30 .10

## IBERIS. See Candytuft

## IMPATIENS (Sultan's Balsam)

A charming plant for house and conservatory decorations, flowering profusely and almost continuously. Large pkt. Pkt.

**Holstii.** Resembles Impatiens Sultani in leaf and shape of bloom, but flowers are larger; color, vermilion red.....\$0.75 \$0.20

**Holstii, "New Hybrids."** The colors offered in these Hybrids are beautiful and of many shades... .75 .15

**Sultani.** Bright rose..... .75 .15

**Sultani Hybrida.** Colors range from pale pink to dark crimson..... .75 .15

## IRIS (Flowering Flag)

**Kaempferi (Japanese Iris).** Hardy perennial; very showy; blooms the second year from seed; mixed colors; 3 feet..... .30 .10

## KUDZU VINE. See Pueraria

## LARKSPUR, PERENNIAL. See Delphinium

## LATHYRUS LATIFOLIUS

(Everlasting or Perennial Pea)

Showy hardy perennial climber; fine for covering walls, stumps, fences, etc. Free flowering, resembling Sweet Peas in growth, foliage and flowers; excellent for cutting; 6 to 8 feet.

Oz. Large pkt. Pkt.

**Crimson.** Brilliant.....\$1.25 \$0.30 \$0.10

**Pink Beauty.** Bright rosy-pink..... 1.25 .30 .10

**White.....** 1.25 .30 .10

**Choice Mixed.** All colors..... .75 .25 .10

## LAVENDER (Lavendula Vera)

Large pkt. Pkt.

Well-known perennial plant, bearing long spikes of fragrant blue flowers; 18 inches.....\$0.30 \$0.10

## LINUM (Flax)

**Perenne.** Bright blue flowers; perennial; 1½ feet.....oz., 90c. .30 .10

## LOBELIA

**Cardinalis (Cardinal Flower).** Hardy perennial; tall spikes of showy cardinal red flowers..... .75 .10

## LUPINUS (Perennial Varieties)

Graceful spikes of pea-shaped flowers; excellent for cutting.

Large pkt. Pkt.

**Polyphyllus, Blue.....** \$0.25 \$0.10

" **Roseus.** Pink..... .30 .10

" **White.....** .25 .10

" **Mixed.....** oz., 40c. .25 .10

## LYCHNIS

Perennials of easy culture; excellent for massing in large beds or borders; remarkable for the brilliancy of their flowers.

Large pkt. Pkt.

**Chalcedonica (Rose Campion).** Fine scarlet cross-like flowers; 2 feet; July.....oz., 50c. \$0.25 \$0.10

**Haageana.** Brilliant large, orange, scarlet, pink and crimson flowers, in mixture; 1 foot; July..... .75 .10

## MIGNONETTE

Valuable for cutting on account of its fragrance; can be grown in pots for winter and early spring blooming.

Large pkt. Pkt.

**Allen's Defiance.** Spikes invariably attain a height of 12 to 15 inches; fragrant.....oz., 60c. \$0.25 \$0.10

**Goliath.** Giant spikes of red flowers.....oz., \$1.50 .40 .10

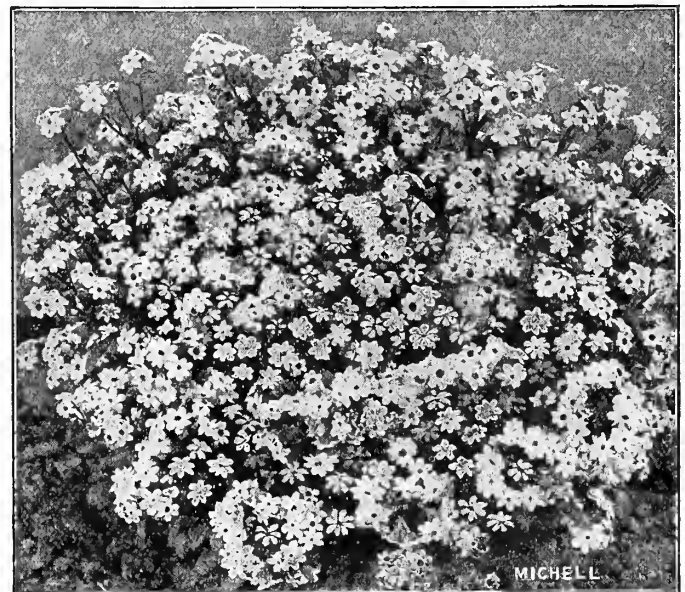
**Machet.** Large reddish tinted, sweet scented flowers.....oz., 75c. .25 .10

**Michell's Colossal.** Flower spikes often average 18 inches; extremely fragrant..... .75 .15

**New York Market.** A specially selected strain.... .75 .15

**White Goliath.** An extra fine white sort..... .40 .10

## MONKSHOOD. See Aconitum



Myosotis—Alpestris Victoria

## MYOSOTIS (Forget-Me-Not)

Beautiful, half hardy perennials, succeeding best in moist, shady situations.

Large pkt. Pkt.

**Alpestris Victoria.** Of bushy habit, bearing large bright blue flowers; very fine; 6 inches.....\$0.40 \$0.10

**Dissitiflora.** Of dwarf, compact habit; deep green foliage and attractive deep blue flowers..... .75 .10

**Eliza Fanrobert.** Of strong growth, with clusters of large, bright blue flowers; 10 inches..... .40 .10

**Grandiflora Alba.** Large white flowers; 8 inches.. .40 .10

**Grandiflora Rosea.** Large pink flowers; 8 inches.. .40 .10

**Michell's Winter Flowering.** The finest variety for forcing; long stems, deep blue flowers..... .75 .15

**Palustris.** The true Forget-Me-Not; bright blue flowers; 8 inches..... .60 .10

**Palustris Semperflorens.** Dwarf; blooms the entire season; deep blue..... .60 .10

**Choice Mixed.....** oz., 90c. .25 .10

## MICHELL'S GIANT PANSIES

Seed may be sown any time in the autumn, the earlier the better for early blooming the following spring.

## PANSIES IN MIXTURE

	Large pkt.	Pkt.
<b>Mitchell's Giant Exhibition.</b> A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75.....	\$0.75	\$0.25
<b>Giant Trimardeau.</b> Very large flowering; all colors, mixed..... 1/4 oz., \$1.00	.40	.10
<b>Mad. Perret.</b> Early flowering; fragrant; especially rich in red shades..... 1/4 oz., \$1.25	.75	.25
<b>Masterpiece (Frisled Pansy).</b> Beautiful rich colors; petals curled or waved..... 1/8 oz., \$1.00	.75	.25
<b>Odier or Blotched.</b> Beautiful strain..... 1/4 oz., 1.25	.75	.15
<b>Parisian Large Stained.</b> Choicest colors..... 1/4 oz., 1.25	.60	.15
<b>Triumph of the Giants Mixed.</b> Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00.....	.85	.50
<b>Finest English Mixed</b> ..... oz., \$2.25	.40	.10
<b>Very Fine Mixed</b> ..... oz., 1.50	.30	.10

## GIANT PANSIES (Separate Colors)

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 oz.	Large pkt.	Pkt.
<b>Giant Prize, Azure Blue.</b> Violet blue.....	\$1.00	\$0.50	\$0.15
<b>Giant Prize, Black Blue.</b> Dark velvety.....	1.00	.50	.15
<b>Giant Prize, Emperor William.</b> Ultramarine blue.....	1.00	.50	.15
<b>Giant Prize, Hortensia Red.</b> Scarlet.....	1.00	.50	.15
<b>Giant Prize, King of the Blacks.</b> .....	1.00	.50	.15
<b>Giant Prize, Lord Beaconsfield.</b> Violet.....	1.00	.50	.15
<b>Giant Prize, Peacock.</b> Upper petals blue, lower petals deep claret with white margin.....	1.00	.50	.15
<b>Giant Prize, Snow Queen.</b> Pure white.....	1.00	.50	.15
<b>Giant Prize, Striped and Mottled</b> .....	1.00	.50	.15
<b>Giant Prize, White, with dark eye</b> .....	1.00	.50	.15
<b>Giant Prize, Pure Yellow</b> .....	1.00	.50	.15
<b>Giant Prize, Yellow, with dark eye</b> .....	1.00	.50	.15
<b>Giant Prize, Orange King (New).</b> Flowers large; lower portion of petals a vivid orange color, upper petals are of a distinct creamy tint. 3 pkts., 75c.....			.30

**SPECIAL OFFER.**—We will send 6 packets of any of the above varieties of Giant Pansies (not including Orange King) for 75c.; or 12 pkts. for \$1.40.

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.

## PAPAVER. See Poppy

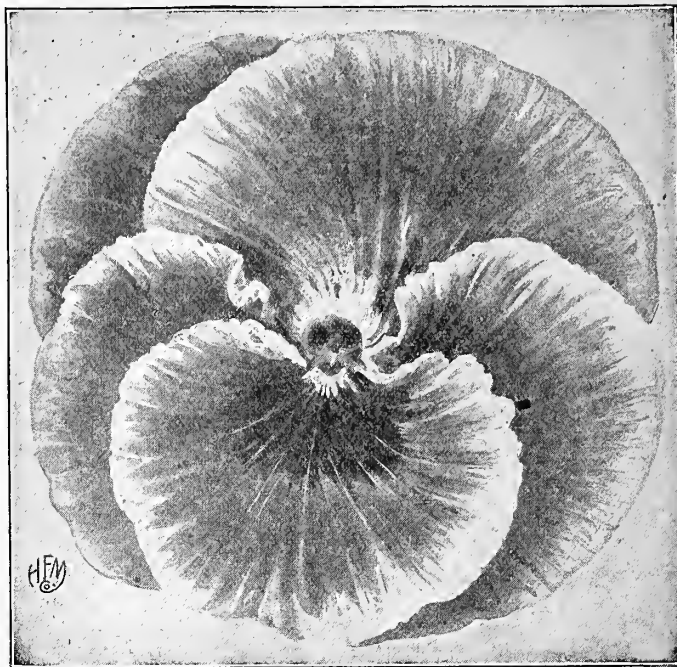
## PENTSTEMON (Beard Tongue)

A beautiful perennial plant, producing freely large spikes of handsome tubular flowers. Large pkt. Pkt.

<b>Sensation.</b> Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection.....	\$0.50	\$0.15
<b>New Hybrids, Mixed.</b> Produces large spikes of handsome flowers; 3 feet.....	.50	.10

## PHLOX (Hardy)

**Decussata.** Perennial plants 2 to 3 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring..... 1/4 oz., \$1.00 .60 | .10 |



*Mitchell's Giant Exhibition Pansy*

## PHYSALIS (Chinese Lantern Plant)

	Large pkt.	Pkt.
<b>Francheti.</b> Dense bushes about 2 feet high, producing freely, bright, orange-scarlet, lantern-like fruits; perennial.....	\$0.30	\$0.10

## PHYSOSTEGIA (False Dragon Head)

One of the most beautiful of our summer flowering perennial border plants; it forms dense bushes, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August. Large pkt. Pkt.

<b>Virginica.</b> Pink.....	\$0.40	\$0.10
<b>Virginica Alba.</b> White.....	.40	.10

## PINKS. See Carnation and Dianthus

## PLATYCODON (Chinese Bell Flower)

One of the best hardy perennials; large bell-shaped flowers; excellent for borders or among shrubbery; 2 to 3 feet.

	Large pkt.	Pkt.
<b>Grandiflorum, Blue</b> .....	\$0.40	\$0.10
<b>Grandiflorum, White</b> .....	.40	.10

## POLYANTHUS (Primula Elatior)

Beautiful spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade; 9 inches.

<b>Gold Laced.</b> Flowers of brilliant colors, with distinct yellow edge.....	\$0.75	\$0.15
<b>Double Mixed.</b> Beautiful colors.....	.75	.15
<b>English Mixed.</b> All colors.....	.60	.10

## POPPY (Perennial)

These brilliant hardy Poppies are unequalled for general effectiveness and brilliancy of display. Once started they increase in size and beauty each season. Large pkt. Pkt.

<b>Giant Scarlet (Bracteatum).</b> Large flowers; 3 feet.....	\$0.25	\$0.10
<b>Iceland (Nudicaule).</b> White; 1 foot.....	.40	.10
“ <b>Orange Scarlet</b> .....	.40	.10
“ <b>Yellow</b> .....	.40	.10
“ <b>Single Mixed.</b> A wide range of colors.....	.40	.10
<b>Orientele.</b> Extra large flowers; deep scarlet.....	.30	.10
“ <b>Mrs. Perry.</b> Rich salmon pink.....	.60	.10
“ <b>Hybrids.</b> Beautiful flowers of large size; mixed colors..... 1/4 oz., 60c.	.40	.10

## PRIMULA

## FRINGED CHINESE PRIMROSE

These are among our finest winter and spring blooming pot plants for decorations in the home or conservatory. Our seed has been grown for us by a Primula Specialist, and cannot be excelled for size and brilliancy of colors. Our strains have won many first prizes.

	Large pkt.	Pkt.
<b>Alba Magnifica.</b> Large pure white flowers.....	\$0.85	\$0.40
<b>Chiswick Red.</b> Brilliant red.....	.85	.40
<b>Duchess.</b> Large white with zone of rosy carmine, yellow eye.....	.85	.40
<b>Holborn Blue.</b> A beautiful shade.....	.85	.40
<b>Kermesina Splendens.</b> Crimson.....	.85	.40
<b>Rosy Morn.</b> Delicate pink.....	.85	.40
<b>Michell's Prize Mixture.</b> This mixture contains only the finest sorts selected from the best strains..	.85	.25
<b>Imported Collection.</b> 8 varieties.....		.75

## PRIMULA OBCONICA

A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage; elegant plants for greenhouse or light window of dwelling house.

	Large pkt.	Pkt.
<b>Grandiflora Alba.</b> White.....	\$0.75	\$0.20
" <b>Coerulea.</b> Blue.....	.75	.20
" <b>Kermesina.</b> Crimson.....	.75	.20
" <b>Lilacina.</b> Pale lilac.....	.75	.20
" <b>Rosea.</b> Pink.....	.75	.20
" <b>Hybrida.</b> Mixed.....	.75	.20
" <b>Fimbriata.</b> Fringed; mixed colors.....	.75	.15
<b>Gigantea MONSTER.</b> An extra large flowering strain of this popular Primula.....		
" <b>Apple Blossom.</b> Soft pink.....	1.25	.40
" <b>Kermesina.</b> Deep crimson.....	1.25	.40
" <b>Deep Rose.</b> Brilliant shade.....	1.25	.40
" <b>Rosea.</b> Pink.....	1.25	.40
" <b>Salmon Queen.</b> .....	1.25	.40
" <b>Mixed Colors.</b> .....	1.25	.40

## VARIOUS SORTS

**Eureka, Salmon Pink.** This class is akin to the Obconica type, but the compact flower heads have more the appearance of the Sinensis variety; large, well shaped flowers. Original pkt., 85c. Large pkt. Pkt.

**Kewensis (Verbena Scented Yellow Primrose).** Spikes each 12 to 18 inches long; color, soft yellow; very fragrant.....\$0.75 \$0.25

**Malacoides.** Resembles Primula Forbesi, but the flowers are much larger; if grown in a greenhouse it will bloom in four to five months after sowing and continue for a long time; color, a pretty light lilac......75 .20

**Malacoides Alba.** Flowers pure white......75 .20

**Malacoides Alba Plena.** A new variety with double white flowers......75 .20

**Malacoides Superba.** Deep rosy pink; large......40

## HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

**Veris (English Cowslip).** Fragrant; flowers of various colors; 6 inches; mixed.....Large pkt. Pkt.  
\$0.60 \$0.10

## PYRETHRUM (Perennial)

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting. Large pkt. Pkt.

**Roseum.** Flowers bright rose color; July; 2 feet...\$0.60 \$0.10

**Uliginosum (Giant White Daisy).** Large, single white flowers; September; 3 to 4 ft......60 .10

**Hybridum Single Mixed.** Large flowers ranging in color from light pink to deep red, with bright yellow centers; July; 2 feet......50 .10

**Hybridum Double Mixed.**......75 .25

## PUERARIA THUNBERGIANA

## (Kudzu Vine)

One of the fastest growing hardy climbing plants; grows 8 to 10 feet the first year from seed; its foliage is large and covers well; rosy purple pea-shaped blossoms toward the end of August......25 .10

## RESEDA. See Mignonette

## ROCK CRESS. See Arabis

## RUDBECKIA (Coneflower)

	Large pkt.	Pkt.
<b>Newmani.</b> Large yellow flowers with black centre; perennial; very showy; 3 feet.....	\$0.40	\$0.10
<b>Purpurea (Giant Purple Coneflower).</b> Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet.....	.40	.10

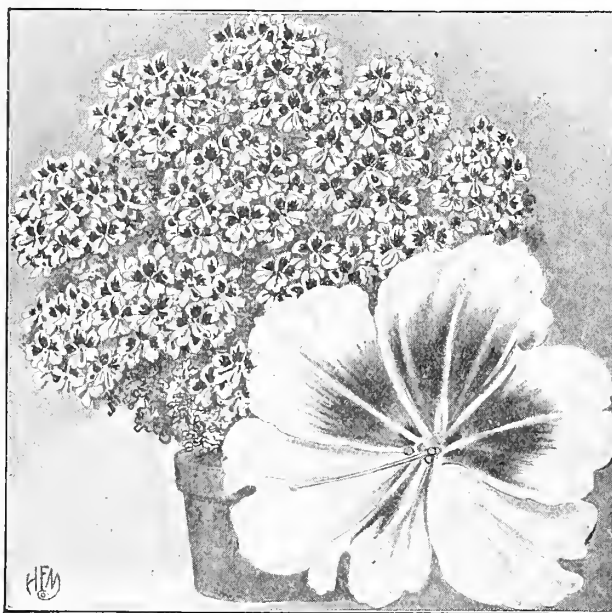
## SALVIA

<b>Farinacea.</b> Long spikes of light blue flowers; perennial.....	.50	.10
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## SCABIOSA

Handsome perennial border plants, flowering the entire season.

	Large pkt.	Pkt.
<b>Caucasica.</b> Soft blue; 3 feet.....	\$0.75	\$0.10
<b>Caucasica Alba.</b> Pure white.....	.75	.10
<b>Japonica.</b> Lavender blue.....	.25	.10



Schizanthus, Wisetonensis

## SCHIZANTHUS (Butterfly Flower)

One of our finest annuals; bears a profusion of pretty butterfly-like flowers of various colors; useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

	Large pkt.	Pkt.
<b>Garraway's Hybrids.</b> Flowers large, with handsome markings on a white, buff, rose, blue or purple ground.....	\$0.75	\$0.25
<b>Hybridus Grandiflorus.</b> Compact plants, with flowers of many shades and of orchid-like appearance; 12 inches.....	.30	.10
<b>Wisetonensis.</b> A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow centre to pink with brown centre; 1½ feet.....	.50	.20
<b>Mixed.</b> Various colors.....	.25	.10

SHASTA DAISY. See Chrysanthemum  
SMILAX

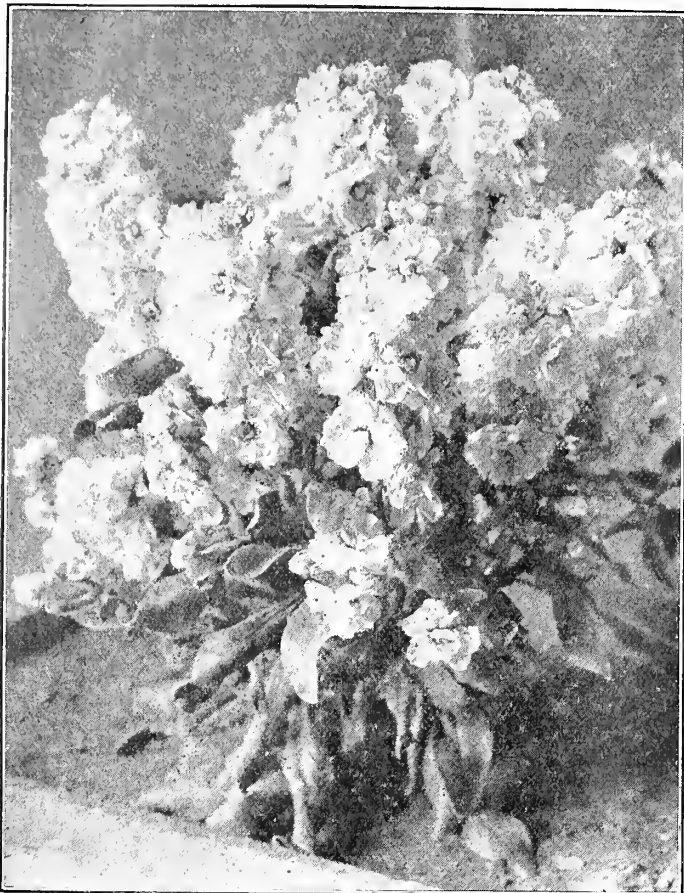
A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing.....oz., 50c.\$0.25 \$0.10

SNAPDRAGON. See Antirrhinum  
STATICE. (Sea Lavender)

	Large pkt.	Pkt.
<b>Latifolia.</b> Splendid hardy perennial, either for the border or rockery; panicles of deep blue flowers, which can be dried and used for winter bouquets. 1 foot.....	\$0.50	\$0.10



# MICHELL'S "DISTINCTIVE" FLOWER SEEDS



*Michell's Flower Market Stock*

## Michell's "Distinctive" Stocks

The Stock is one of the most popular and highly prized of our cultivated flowers, either for the garden or for pot culture. The charming colors, delightful fragrance and free blooming character, have made them favorite plants for both summer and winter cultivation. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

### MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer; large, double fragrant flowers; fine for garden bedding or cutting; especially desirable for use as a pot plant. For winter blooming, sow from July to September.

	Large pkt.	Pkt.
<b>Abundance.</b> Dwarf, spreading habit; carmine-rose..	\$0.50	\$0.15
<b>Beauty of Nice.</b> Charming delicate pink.....	.50	.15
<b>Crimson King.</b> Deep red.....	.50	.15
<b>La Brillante.</b> Rich brilliant crimson.....	.50	.15
<b>Midsummer Night.</b> Deep, dark violet.....	.50	.15
<b>Monte Carlo.</b> Canary yellow.....	.50	.15
<b>Mont Blanc.</b> Pure white.....	.50	.15
<b>Old Rose.</b> An extra fine variety.....	.50	.15
<b>Queen Alexandra.</b> Delicate lavender.....	.50	.15
<b>Choice Mixed.</b> All colors.....	.50	.15

### MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large pkt.	Pkt.		Large pkt.	Pkt.
<b>Blood Red</b> .....	\$0.50	\$0.15	<b>Rose Pink</b> .....	\$0.50	\$0.15
<b>Dark Blue</b> .....	.50	.15	<b>White</b> .....	.50	.15
<b>Flesh Pink</b> .....	.50	.15	<b>Mixed</b> .....	.50	.15
<b>Light Blue</b> .....	.50	.15			

### STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; excellent for cutting; 1½ to 2 feet.

Large pkt. Pkt.

**Cyanea.** Lavender blue.....\$0.40 \$0.10

### SWEET ALYSSUM. See Alyssum

### WINTER FLOWERING SPENCER SWEET PEAS

The following varieties are especially adapted for forcing under glass for winter and early spring blooming. Also excellent for sowing outdoors in the Southern States.

### NEWER VARIETIES

	Pkt.	½ oz.	Oz.
<b>Burpee's Orange.</b> Finest clear glistening orange; flowers of largest size.....	\$0.25	\$1.75	\$3.00
<b>Florence Michell (Novelty).</b> The best deep blue to date; very free flowering; usually four large flowers on a stem.....	.35	2.25	4.00
<b>Mrs. Kerr.</b> Flowers of immense size; color, rich salmon, overlaid with soft orange.....	.15	.90	1.50
<b>Mrs. Warren G. Harding.</b> Deep silvery blue; immense size; fully waved.....	.15	.90	1.50
<b>Princess.</b> Flowers large; color, a lovely shade of soft lavender suffused mauve.....	.15	.75	1.25
<b>Rose Dore.</b> Beautiful rose pink, suffused gold, with orange shading.....	.25	1.75	3.00
<b>White Star.</b> An extra fine black-seeded, pure white variety; flowers of enormous size....	.15	.90	1.50

### GENERAL LIST

<b>Asta Ohn.</b> Rich lavender.....	.15	.60	1.00
<b>Aviator.</b> Dazzling crimson scarlet.....	.15	.60	1.00
<b>Blue Bird.</b> A charming shade of blue.....	.15	.60	1.00
<b>Cherry Ripe.</b> Cherry or salmon cerise.....	.15	.60	1.00
<b>Columbia.</b> Salmon color standard; white wings.....	.15	.60	1.00
<b>Fire King.</b> Deep orange scarlet.....	.15	.60	1.00
<b>Glitters (Early Royal Scot).</b> Standard fiery orange; wings deep orange.....	.15	.60	1.00
<b>Heatherbell.</b> Mauve lavender.....	.15	.60	1.00
<b>Illumination.</b> Salmon cerise, suffused orange.....	.15	.60	1.00
<b>Lavender King.</b> Rich, deep lavender.....	.15	.60	1.00
<b>Madonna.</b> Best giant white; black seeded..	.15	.60	1.00
<b>Meadow Lark.</b> Rich cream.....	.15	.60	1.00
<b>Melody.</b> Rose pink on white ground.....	.15	.60	1.00
<b>Miss Louise Gude.</b> Large flowering; color, shell pink.....	.15	.90	1.50
<b>Mrs. A. A. Skaach.</b> Clear, light pink....	.15	.60	1.00
<b>Othello.</b> Flowers large; beautiful maroon...	.15	.60	1.00
<b>Primrose Beauty.</b> Deep primrose, flushed rose; flowers large.....	.15	.60	1.00
<b>Rose Queen.</b> Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of rose pink. ¼ oz., \$1.25	.50	2.25	4.00
<b>Snow Flake.</b> Large pure white.....	.15	.60	1.00
<b>Snowstorm (Improved).</b> White; extra large..	.15	.60	1.00
<b>True Blue.</b> A charming blue self; flowers large and well waved.....	.15	.60	1.00
<b>Yarrowa.</b> Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.15	.60	1.00
<b>Zvolanek's Rose.</b> Extra large; rose pink..	.15	.90	1.50
<b>Mixed Colors.</b> Winter Flowering Spencer..	.10	.35	.60

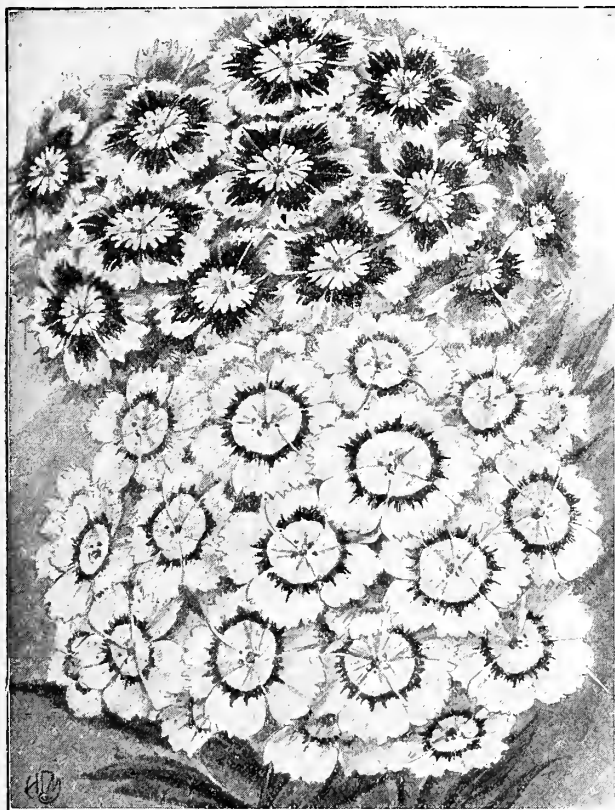
We can also supply the Spencer or Orchid flowering Sweet Peas for outdoor planting. See our General Catalog for complete list of varieties.



## SWEET ROCKET (Hesperis)

Excellent for naturalizing among shrubbery or for planting in a permanent border. Large pkt. Pkt.

Mixed. Fragrant white and purple flowers; a desirable hardy perennial; 2 to 3 feet. oz., 50c. \$0.25 \$0.10



Single Sweet William

## SWEET WILLIAM (Dianthus Barbatu)

One of the finest hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

Large pkt. Pkt.			
Auricula Flowered. A beautiful class of "eyed" single varieties; all colors mixed.....oz., 75c.	\$0.25	\$0.10	
Single Crimson.....oz., 75c.	.25	.10	
" Newport Pink. Salmon pink.....	.50	.15	
" Scarlet Beauty. Deep scarlet.....	.50	.15	
" Velvety Maroon.....oz., 75c.	.25	.10	
" White.....oz., 75c.	.25	.10	
" Mixed. All colors.....oz., 50c.	.25	.10	
Double Mixed.....oz., 90c.	.25	.10	

## THALICTRUM (Meadow Rue)

Dipterocarpum. Perennial border plant, flowers rosy purple with yellow anthers; fine for cutting; 4 feet..... .75 .25

## TRITOMA (Red Hot Poker)

Hybrida Mixed. A free blooming hardy perennial; large spikes of flowers..... .50 .10

## VERONICA (Speedwell)

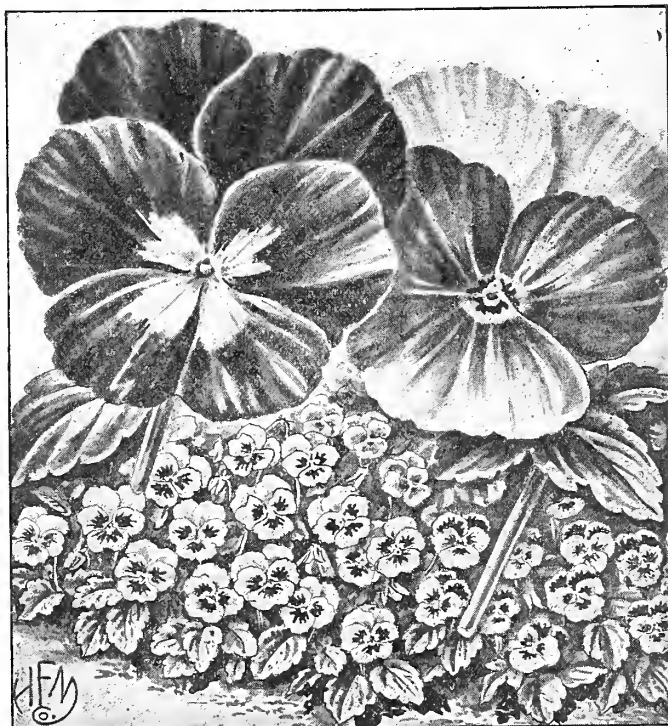
An elegant hardy perennial plant of easy culture and free-flowering habit; of value as a cut flower or for garden effect. Plants grow bushy and produce long spikes of flowers.

Spicata. Long spikes of bright blue flowers; 18 inches..... Large pkt. Pkt. \$0.50 \$0.10

## VALERIANA (Garden Heliotrope)

Hardy perennial border plants; large fragrant flowers, the odor resembling that of the heliotrope; 2 to 3 feet. Large pkt. Pkt.

Mixed Colors.....\$0.25 \$0.10



Viola, Scotch Bedding

## VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they are of long stems, and appear uninterrupted from early spring till snow flies.

Large pkt. Pkt.			
Admiration. Dark blue.....	\$0.60	\$0.10	
Mauve Queen. Lovely mauve color.....	.60	.10	
Perfection. Light blue.....	.60	.10	
White Perfection. Large white.....	.60	.10	
Mixed. All colors.....	.50	.10	

## VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

Large pkt. Pkt.			
Golden Gem. Yellow.....	\$0.60	\$0.15	
Lutea Splendens. Rich golden yellow.....	.60	.15	
Snowflake. Pure white.....	.60	.15	
Mixed. From the best named Scotch varieties.....	.50	.25	

## WALLFLOWER

Half-hardy perennials of delicious fragrance. They should be protected in a cold frame in the winter and planted out in the spring; 2 feet. Large pkt. Pkt.

Double Brown.....	\$0.60	\$0.10	
" Yellow.....	.60	.10	
" Mixed. All colors.....	.60	.10	
Single Mixed.....oz., 40c.	.25	.10	
Imported Collection. 6 double varieties.....	.50		
Imported Collection. 6 single varieties.....	.40		

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed; 1½ feet. Large pkt. Pkt.

Paris Extra Early Blood Red.....	\$0.25	\$0.10	
Paris Extra Early Yellow.....	.25	.10	
Paris Extra Early Mixed. All colors.....oz., 60c.	.25	.10	

# MICHELL'S DORMANT FIELD-GROWN ROSES

## FOR FALL PLANTING

Many of the most successful Rose growers prefer planting their Roses in the Autumn. We are now booking orders for strong two year old Field-Grown budded plants, which will be ready for shipment just as soon as they are properly ripened by frost, which is usually late in October or early in November. Plants shipped in the dormant state take up but very little room and they may be safely shipped by parcel post. If there is danger of the ground freezing before the arrival of the plants, the space where you wish to plant them may be protected by a covering of leaves or other loose litter. When the plants arrive, plant them so that the bud is covered with at least one inch of soil; then make a mound of earth around the base of the plant about twelve inches high; by doing this all of the buds on the lower end of the branches are covered with soil; this covering protects them from the alternate freezing and thawing, which is injurious. Early in the Spring, before growth starts—but after danger of severe frost is over, this covering of earth should be removed and the plants pruned.

### HARDY HYBRID TEA ROSES

**Columbia.** A most pleasing shade of rose-pink; delightfully fragrant.

**Duchess of Wellington.** Intense saffron yellow changing to coppery yellow.

**Gen. MacArthur.** The blooms are large and very fragrant; color, rich crimson scarlet. For a bedding rose we recommend Gen. MacArthur.

**Golden Ophelia.** Buds and flowers medium size; color, bright golden yellow. \$1.50 each (by parcel post, \$1.65).

**Gruss an Teplitz.** This is a rose for everybody, being the most profuse blooming crimson rose in existence. The color is of the richest scarlet, shading to a velvety crimson; very fragrant.

**Hoosier Beauty.** Glowing crimson-scarlet with darker shadings; buds of good length and splendid shape, opening into a magnificent and delightfully fragrant bloom. A strong, clean grower and very free flowering.

**Jonkheer J. L. Mock.** Bright cherry red on the outside of the petals and shining silvery white on the inside.

**Kaiserin Augusta Victoria.** Flowers large and very fragrant. Pearly white, tinted with lemon.

**Lady Alice Stanley.** A rose that is admired by everyone, not only for its freedom of bloom and fragrance, but also for its color, which is a beautiful shade of coral-rose on the outside of the petals with purple flesh on the inside.

**Lady Ashtown.** Extremely beautiful flowers of pale carmine-pink, shading to golden yellow at the base of the petals. The blooms are large, globular, and well formed, rather higher in the center than at the edge. Excellent for garden or greenhouse and a profuse bloomer all season until frost.

**Los Angeles.** A luminous flame pink toned with coral and shaded with translucent gold at the base of the petals. In fragrance it is equal in intensity to the finest Marechal Neil. The buds are long, pointed and extend into a flower of mammoth proportions.

**Miss Lolita Armour.** As the flowers expand they develop to a deep coral red with golden, coppery red suffusion; the base of the petals are a rich golden yellow with coppery red sheen.

**Mme. Caroline Testout.** Bright satiny rose with brighter center; free flowering and fragrant.

**Mme. Edouard Herriot.** This is the celebrated "Daily Mail" rose. In color it is coral red, shaded with yellow and bright rosy scarlet, with yellow at the base.

**Mrs. Aaron Ward.** The color is a distinct Indian yellow which under certain conditions becomes yellow tinted white. A favorite everywhere.

**Ophelia.** The flowers held erect on long stems are of perfect form, and of a pleasing shade of light salmon flesh shading to pale yellow at the base of the petals.

**Radiance.** A Rose of American origin and to our mind one of the very best varieties in cultivation today. It is an ideal bedder, producing large flowers throughout the Summer when many other varieties are out of bloom; color, a beautiful even shade of pink. This Rose should be in every garden.

**Red Radiance.** A bright, cheerful and even shade of cerise-red. In size, foliage and growth an exact duplicate of its parent Radiance. A valuable addition to our list of bedding roses.

**Sunburst.** A vigorous grower with erect or slightly spreading habit and dark bronzy foliage. The flowers are of medium size, full and of fine elongated cup form; color a superb cadmium-yellow passing to yellow-orange in the center.

**William F. Dreer.** The blooms of this variety are shaped similar to the Los Angeles. When expanding the flowers are of a soft, silvery shell pink; the base of the petals are a rich, golden yellow. \$1.50 each (by parcel post, \$1.65).

Price, any of the above (except where noted), \$1.25 each (by parcel post, \$1.40); per doz., \$12.00 (by parcel post, \$13.00); \$90.00 per 100.

### HARDY HYBRID PERPETUAL ROSES

**Frau Karl Druschki.** This is the queen of all white roses both in size and purity. The flower is very double and opens to a pure snow white. The growth is vigorous and the plant is a most prolific bloomer during the month of June.

**Gen. Jacqueminot.** The old favorite "Jack" rose is still popular. The blooms are large, full and globular, having an excellent cup shaped form; in color they are brilliant scarlet crimson, with deep veinings toward the base of the petals.

**Magna Charta.** An old variety of great merit. The blooms are of large size; in color a bright pink suffused with carmine. It is very fragrant and free flowering.

**Mrs. John Laing.** Beautifully formed shell-pink flowers; exceedingly fragrant and borne on strong stems; splendid for cutting. A good grower and one of the most popular roses.

**Paul Neyron.** Probably the largest rose in cultivation; in color a clear pink shading to soft rose and having a delightful fragrance.

**Ulrich Brunner.** A bright cherry-red; flowers large and full. Price, any of the above, \$1.25 each (by parcel post, \$1.40); doz., \$12.00 (by parcel post, \$13.00); \$90.00 per 100.

### HARDY CLIMBING AND RAMBLER ROSES

**American Pillar.** The large single flowers are a lovely shade of cherry pink, with a clear white eye surrounding numerous golden yellow stamens.

**Aviateur Bleriot.** A strong grower with large clusters of flowers of a saffron yellow, almost golden yellow in the center.

**Christine Wright.** A beautiful rose of strong climbing habit, producing large double flowers of a wild rose pink.

**Climbing American Beauty.** Bright self colored, medium pink flowers of moderate size. Splendid glossy foliage.

**Dr. W. Van Fleet.** One of the most important climbing roses, having perfectly formed buds, long and pointed, deep pink in color and very solid. Fragrant and fine for cutting.

**Dorothy Perkins.** Beautiful shell pink, fragrant and full, blooming in clusters in June. One of the most popular varieties.

**Excelsa.** Equally as free flowering as the Crimson Rambler, but without the unsatisfactory foliage. Really the best double red climber.

**Pauls Scarlet Climber.** No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters of from three to six flowers each on much branched canes, the plants being literally covered with flowers from top to bottom. It is of strong climbing habit and perfectly hardy.

**Silver Moon.** Long, well shaped buds, opening into immense Clematis like flowers of a waxy whiteness.

**Tausendschoen.** The flowers are of a most elegant and graceful form. Color, a most delicate shade of soft pink, changing to carmine on the reverse of the petals when fully expanded.

**White Dorothy.** A handsome pure white sport from the old favorite Dorothy Perkins and it has all of the finer qualities found in that charming variety.

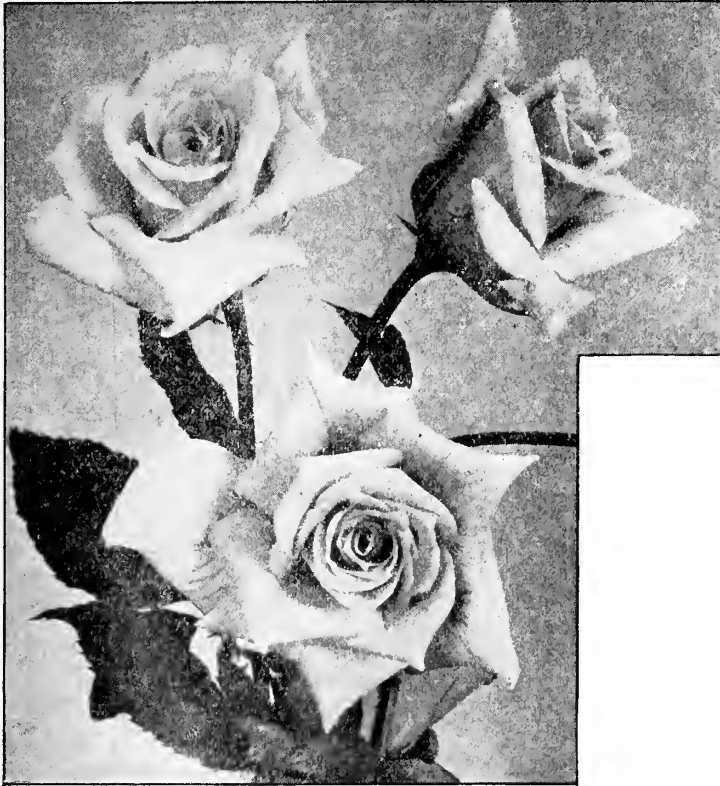
Price. Strong plants of any of the above Climbing Roses, \$1.25 each (by parcel post, \$1.40); per doz., \$12.00 (by parcel post, \$13.00); \$90.00 per 100.

### VIOLET PLANTS

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring.

**Princess of Wales.** Single blue. Extra large plants, 35c. each (by parcel post, 40c.); \$3.50 per doz.; per 100, \$22.50.

# GROW BETTER ROSES NEXT YEAR



WITH

**Terogen**  
GROUND DRESSING  
FUNGICIDE INSECTICIDE FERTILIZER

Destroys Insect Pests and Diseases  
before they attack.

A Wonderful New Autumn and  
Winter Ground Dressing for Your  
Rose Garden.

*(Rosenbluth Formula)*

**MICHELL'S SEED HOUSE, 518-516 Market Street  
PHILADELPHIA**

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NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

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(See Other Side)

# PREPARE NOW FOR BETTER ROSES NEXT YEAR

USE



After years of experimentation, a highly important soil stabilizer has at last been perfected—a combined Fungicide, Insecticide and Fertilizer—used with phenomenal success at the nationally famous Rose Gardens at Wallingford, Pa.

To get better Roses next season, you should use TEROGEN this fall. We recommend dressing the soil with TEROGEN just before covering your Roses for the Winter—WHEN THE PLANTS ARE DORMANT.

TEROGEN will destroy the spores of fungus of most diseases that have fallen to the ground. It will kill the larva of most insects, preventing these pests from hibernating and beginning their renewed attacks in the Spring. It is especially efficacious in destroying the larva of the rose pith borer, rose bugs, Japanese Beetle, if present, aphids, commonly called plant lice, buried in the soil by ants, as well as the ants themselves. TEROGEN is particularly valuable because of its great power in destroying larva and eggs of pests before they become mature and can attack. This action is chiefly due to its marvelous quality as an astringent tanning agent.

TEROGEN also acts as a valuable fertilizer, benefiting the plants the coming season.

Moreover, TEROGEN will supply the means for the foliage to take on the proper amount of Chlorophyll, the green coloring matter, which is of vital importance to healthy plant life.

TEROGEN applied to your rose beds in the Autumn and again in February will prevent the dread disease known as chlorosis, the turning of the foliage to a sickly yellow and consequently dropping off. TEROGEN imparts that deep dark green color to the foliage and gives them that heavy leathery substance which rose lovers are so eager to secure.

This valuable Autumnal Winter Ground Dressing—TEROGEN—will work wonders with your roses. It will supply them with the vital chemical elements most needed. TEROGEN will strengthen your plants, enabling them to ward off disease more readily and impart renewed vigor to them. This once carefully guarded secret is now yours. Give your roses a better start next year. Get your supply of TEROGEN now.

## PRICES

PRICES										
			By P. Post				By P. Post			By P. Post
1 lb. tins.....	\$0.75	\$0.90	5 lb. tins.....	\$2.75	\$3.10	25 lb. tins.....	\$11.00	\$11.75		
2 lb. tins.....	1.25	1.50	10 lb. tins.....	4.75	5.25	100 lb. kegs.....	40.00	By Express		



(Rosenbluth Formula)

Fungtrogen destroys mildew and black spot, the two most dangerous enemies of the Rose, and at the same time supplies an essential fertilizer that assures luxuriant foliage and vigorous plants with amazing blooms.

## PRICES

		By P. Post
Half pint.....	\$0.75	\$0.90
Pint.....	1.25	1.50
Quart.....	2.00	2.35
Half gallon.....	3.50	4.00
Gallon.....	\$6.00	By Express



(Rosenbluth Formula)

A combined Fungicide, Insecticide and Fertilizer. A complete spray for most leaf chewing insects. The noted collection of Roses at the Wallingford, Pa., Rose Gardens are systematically sprayed with both Fungtrogen and Insectrogen well into the late frosts.

## PRICES

		By P. Post
Half pint.....	\$1.00	\$1.15
Pint.....	1.75	2.00
Quart.....	2.75	3.10
Half gallon.....	4.50	5.00
Gallon.....	\$8.00	By Express



Year by year these old fashioned hardy flowers are gaining favor and deservedly so, as there is not a time during the whole flowering season when some variety is not in bloom; they are especially valuable during the late Summer and Autumn, when there are but few shrubs in bloom. From early April they continue with constant changing variety throughout the Summer and Fall, when they are stopped only by severe freezing weather. Hardy Perennials appear year after year, and as each variety has a fixed time for blooming, a selection can be made that will give flowers to cut from early Spring until late Fall. The most satisfactory arrangement is to plant them in a border, which can be made in front of a hedge, fence or wall, or in the open garden; the soil should be dug to a depth of 18 inches or two feet, pulverizing it thoroughly and working in a liberal quantity of well decomposed stable manure or other fertilizer. The plants should be placed in groups of three or more of one variety together, the taller growing sorts at the back, the medium heights in the center and the dwarf varieties in front; they should also be placed so as to have some flowers in all parts of the border at all times. This can be easily arranged by referring to our descriptions as to the time of flowering. Our book on "Hardy Perennials" is an instructive publication, and it can be had free on request. We offer here only such varieties as can be planted in the autumn.

All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants or small numbers of plants by Parcel Post, and if wanted sent in this way add 15 per cent. to value of order for postage to points east of the Mississippi River, and 25 per cent. to points west of the Mississippi River.

## SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply plants of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipment.

### ACHILLEA (Milfoil or Yarrow)

**Eupatorium** (*Fern-leaved Yarrow*). Finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

**Millefolium Cerise Queen** (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

**Ptarmica Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centers, which makes it appear purer in color. Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ACONITUM (Monkshood or Helmet Flower)

**Fischeri**. A dwarf variety growing 18 inches high, with large pale blue flowers in September and October.

**Spark's Variety**. The darkest blue of all; flowers in June; 3 feet. Price, 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$25.00.

### AGROSTEMMA (Rose Campion)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers, produced during June and July.

**Coronaria** (*Mullein Pink*). Bright rosy crimson; 2½ to 3 feet.

**Coronaria Alba**. A pure white variety. Price, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ALYSSUM (Gold Dust or Basket of Gold)

**Saxatile Compactum**. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ANCHUSA (Sea Bugloss)

**Italica**. "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue, Forget-me-not-like flowers in June; very showy and valuable. 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

### AQUILEGIA (Columbine)

For spring blooming these are invaluable, producing their graceful spurred flowers on stems rising 2 feet over their attractive foliage, during May and June. For rockery gardens, semi-shaded places, in hardy borders or planted in clumps, they are very effective.

**Mitchell's Long Spurred Hybrids**. This is the most admired type of Columbines. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

**Canadensis** (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

**Chrysanthia** (*Golden Columbine*). Bright yellow, long-spurred flowers.

**Coerulea** (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

**Rose Queen**. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

**Vulgaris** (*Common European Columbine*). Violet blue.

Price of Aquilegias. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ARABIS (Rock Cress)

**Alpina**. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. Lasts for a long time in bloom. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

**Lauchiana Rosea**. Bright rose.

**Lauchiana Alba**. White.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ASCLEPIAS (Butterfly Weed)

**Tuberosa**. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



Achillea, Boule de Neige

# MICHELL'S HARDY PERENNIAL PLANTS

## ARTEMISIA

A most useful class of plants either for the border or for filling in within the shrubbery; highly ornamental foliage. The varieties we offer stand cutting down to 5 or 6 inches when used in carpet bedding.

**Abrotanum** (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

**Stelleriana** (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

## ARTEMISIA LACTIFLORA

A variety of great merit; flowers white, in much branched panicles; very fragrant; 4 ft.; Aug., Sept. Should be planted in fertile, moist soil.

Price of Artemisias. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## HARDY ASTERS

Tall-flowering, stately plants, which may be used with splendid effect in borders or in clumps as specimens on lawns, in large groups or beds. They form the basis of a color scheme in a perennial border during the months of September and October, and last well into November. They thrive equally well in sun or partial shade. For cutting they are invaluable.

### FALL FLOWERING VARIETIES

**Glory of Colwall.** A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratum-blue flowers; remarkably free flowering; 2½ feet, September and October.

**Novae Angliae.** Bright violet purple; 4 feet.

**Novi Belgii Climax.** Of strong, vigorous habit, 5 feet high; branched pyramidal-shaped flower stems; lavender-blue flowers. August-October.

**Roseum Superbum.** This is one of the best hardy Asters we have ever seen. The color is almost red; profuse bloomer.

**Snowflake.** Very free bloomer; pure white; height, 2 feet.

**St. Egwin.** Densely branched, producing beautiful pink flowers; 3 feet; September.

**White Queen.** One of the best white varieties; 4 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### TWO NEW HARDY ASTERS

**Maggie Perry.** Very large flowers, about 2 inches in diameter, loosely arranged in large trusses of a pleasing shade of mauve. Entirely distinct from any other hardy Aster.

**Perry's White.** This is without doubt the finest white hardy aster yet introduced; it is a strong grower and during the early Autumn the many branches are literally covered with large flowers, about 2 inches in diameter. The flowers are pure white with golden center and when fully developed the center turns crimson, a striking combination.

Price of the above two newer asters, 3 for \$1.00 (by P. P., \$1.25); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

### DWARF ALPINE ASTERS

**Alpinus.** Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

**Alpinus Albus.** Identical to the above, but with pure white flowers.

Price of Alpine Asters, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### ASTILBE ARENDSI

This new type is the result of crossing A. Davidi with A. Japonica Compacta, Astilboides and Thunbergi. The plants are of very vigorous growth, 2½ to 3½ feet high, producing many branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil.

**Ceres.** Delicate light rose-colored flowers, with peculiar silvery sheen.

**Salmon Queen.** Graceful panicles of a beautiful salmon pink.

**Vesta.** Very graceful plumes of light lilac-rose.

2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz.

### HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers next season. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## BOCCONIA

### (Plume Poppy, or Tree Celandine)

**Cordata.** A noble, hardy perennial, beautiful in foliage and flower; admirably adapted for planting in the shrubbery borders, center of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants, with large single, Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time, produces a very showy effect.

**Asteroides.** Pure white; very effective; 5 to 7 feet.

**Latisquama.** Pink, slightly tinged with lavender, 4 to 6 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



Campanula—Media

### CAMPANULA (Bell Flower)

Showy perennial plants of special merit; some are tall, being suitable for borders; others are dwarf, for rockeries and edging. They delight in a good rich loam, preferring a semi-shaded place.

**Calycanthema** (*Cup and Saucer*). These are biennials, and last only one season, when planted in the autumn. Pink, white and blue, each color separate; height, 18 inches; June-July.

**Media** (*Old-fashioned Canterbury Bells*). This is a biennial type, like the Calycanthema, and will last only one season, when planted in the autumn. It flowers freely in June, July and August, and grows 3 to 4 feet high. Blue, pink and white, in separate colors.

**Pyramidalis** (*Chimney Bell Flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain blue flowers in August.

Any of the above, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

### CENTAUREA (Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

**Montana** (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet blue flowers from July to September.

**Montana Alba.** Large white variety of the above.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## CHRYSANTHEMUM

**Shasta Daisy, Alaska.** A decided improvement on the original; pure glistening white. Very free-flowering and in bloom all summer and fall. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## COREOPSIS

**Lanceolata Grandiflora.** Flowers rich golden yellow and of graceful form; fine for cutting. A few plants make a handsome display, either planted individually or in clumps; dozens of flowers are produced on a single plant, and where quantity and quality are wanted Coreopsis should be planted; June till October. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## DELPHINIUMS OR HARDY LARKSPURS

In order to keep Larkspurs in bloom continuously during the summer, cut the old flower stems off, after they have faded, and new shoots will produce flower heads in succession. To get the best out of hardy Larkspurs in the way of flowers, feed them occasionally during the growing season with an application of ground bone. A slight covering of long straw or leaves over the crowns of the plants during winter will prove a great benefit.

**Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

**Bellamosum.** A dark blue form of Belladonna with which it is identical excepting in color, which is a rich deep blue.

**Chinense.** A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

**Chinense Album.** A pure white form of the above.

**Mitchell's Gold Medal Hybrids.** Unquestionably the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price, any of the above. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



*Delilytra Spectabilis*

## DIELYTRA or DICENTRA

### (Bleeding Heart or Seal Flower)

**Spectabilis.** An old fashioned favorite, its long sprays of graceful heart shaped flowers are always attractive. A most satisfactory plant for the hardy border, especially when it can be planted in the shade. 2 for \$1.10 (by P. P., \$1.25); \$5.50 per doz. (by P. P., \$6.00).

## DIANTHUS (Garden Pinks)

For edging hardy borders, garden walks, or planted in rock gardens, these fill an important place. They are at their height of bloom in June.

**Deltoides (Maiden Pink).** A continuous flowering variety with pink flowers. Especially suited for rock work.

**Deltoides Alba.** White flowers.

**Latifolius Atrococcineus Fl. Pl. (Ever-blooming Hybrid Sweet William).** A splendid variety with crimson, double flowers.

Any of the above, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## DIGITALIS (Foxglove)

These will do well in semi-shaded spots; plants grow from 4 to 6 feet high; flower in June.

**Gloxinaeflora.** White, pink, purple, lilac, each separate. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## ERYNGIUM (Sea Holly)

**Amethystinum.** The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. 3 for \$1.10 (by P. P., \$1.25); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

## HARDY FERNS

The graceful plants grow on an average from 1 to 2 feet high, according to the variety, and the clumps increase in size and beauty each year; they die down in winter and break forth again in May.

**Adiantum Pedatum (Maidenhair Fern).** 12 inch.

**Aspidium Acrostichoides (Christmas Fern).** 12 inch.

**Asplenium Filix Foemina (Lady Fern).** 12-15 inch.

**Cystopteris Bulbifera (Bulblet Bladder Fern).** 24 inch.

**Dicksonia Punctilobula (Gossamer Fern).** 18 inch.

**Onoclea Struthiopteris (Ostrich Fern).** 24-36 inch.

**Sensibilis (Sensitive Fern).** 12 inch.

**Osmunda-Cinnamomea (Cinnamon Fern).** 24 inch. 50c. each; per doz., \$5.00.

**Claytoniana.** 24 inch. 50c. each; per doz., \$5.00.

**Woodsia Ilvensis.** Excellent for rock-work, requiring little soil and thriving best in the sunniest corner. 6 inch.

Price, any of above, in large plants, 2 for \$1.00 (by P. P., \$1.15); \$4.00 per doz. (shipment via express, collect); per 100, \$25.00.

## GAILLARDIA (Blanket Flower)

Beautiful flowers are borne in profusion and make a striking effect. They last a long while as a cut flower, and are abundant from June until frost. Height, about 2 feet.

**Grandiflora.** Dark brown center, petals on the outer edge are yellow, and the center is surrounded with a rich orange disc. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## GRASSES (Hardy Ornamental)

The generous beautiful effect produced by the hardy Grasses is hard to describe. Plantings must be seen to be appreciated. Excellent as individual specimens.

**Elymus Glaucus (Blue Lime Grass).** A graceful growing type with narrow silvery blue foliage; a dwarf compact grower; height, 3 feet.

**Erianthus Ravennae (Plume Grass or Hardy Pampas).** Deep green narrow foliage, growing about 10 feet high.

**Eulalia Gracillima Univittata (Japan Rush).** Graceful narrow foliage, growing 5 to 6 feet. Green with silvery rib.

**Eulalia Japonica Variegata.** An attractive variety with a variation of markings of white, green, sometimes light pink and yellow; 4 to 5 feet high.

**Eulalia Japonica.** Like the variegated variety, except that it is entirely green.

**Eulalia Japonica Zebrina.** Dark green foliage, crossmarked horizontally golden yellow. One of the best of hardy Grasses.

**Phalaris Arundinacea Variegata (Variegated Ribbon Grass or Gardener's Garter).** This sort is especially suited for edging taller varieties, as it grows somewhat dwarf. The foliage is somewhat broad, variegated white and green. 12 to 15 inches.

**Pennisetum Japonicum (Hardy Fountain Grass).** One of the most valuable hardy Grasses, either for beds, mixed borders or as individual specimens. Height, 4 feet.

Prices of Hardy Grasses, 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.50.



# MICHELL'S HARDY PERENNIAL PLANTS

## GYPSOPHILA (Baby's Breath)

During August and September this is a mass of delicate flowers. These may be used as fresh cut flowers, also for a semi-everlasting effect. They keep for months without water.

**Paniculata.** Feathery sprays of white flowers; useful for effects in bouquets. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil, in a sunny location. The flowers are splendid for cutting.

**Autumnale Rubrum.** Bright, terra-cotta red; 5 feet.

**Riverton Beauty.** Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); \$18.00 per 100.

## HELIANTHUS (Hardy Sunflower)

Very effective in borders, among shrubbery or as clumps on the lawn, etc. They produce masses of flowers during summer until frost, which are splendid for cutting and decorative purposes.

**Maximiliana.** The latest of all, blooming profusely in October; the fine golden yellow flowers appear in long graceful sprays; splendid for cutting; 5 to 7 feet.

**Multiflorus Fl. Pl.** Large, double golden yellow; July-August; 4 feet.

**Rigidus Japonicus.** One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centers; 5 feet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## HELIOPSIS (Orange Sunflower)

This genus is very similar to the Helianthus. They are tall-growing plants, well suited for the back of flower borders, where they flower beautifully throughout the summer.

**Pitcheriana.** One of the best hardy plants for the perennial border. Daisy-shaped flowers of deep orange color, on good stems for cutting. 2 to 3 feet.

**Scabra Excelsa.** Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double and are produced very profusely. The plant is of robust growth, about 3 feet high. Mid-July to the end of August.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); \$18.00 per 100.

## HEMEROCALLIS (Yellow Day Lily)

Lily-like plants, flowering in great profusion during the summer and making a fine cut bloom.

**Aurantiaca.** Large, trumpet-shaped, orange yellow flowers; reverse of petals bright Indian yellow; sweet scented.

**Fulva (Tawny Day Lily).** Trumpet shaped flowers; coppery orange shaded crimson; June and July.

**Kwanso Flore Pleno (Double).** Coppery red; July; 3 feet high. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## HIBISCUS (Mallow)

**Giant Flowering.** A wonderfully improved form of our greatly admired Marsh Mallows. They are unusually attractive and form real show plants during their flowering season. They attain a height of 6 to 7 feet, have beautiful lacinated foliage and monstrous flowers, measuring from 6 to 8 inches in diameter. We offer these in separate colors, red, pink and white or mixed colors. 3 for \$1.15 (by P. P., \$1.30); \$4.00 per doz. (by P. P., \$4.40); per 100, \$25.00.

## IBERIS (Hardy Candytuft)

The Hardy Candytufts are low-growing plants, with evergreen foliage. In spring and early summer they are completely covered with dense heads of flowers. For borders and rockeries they are unsurpassed.

**Sempervirens.** Pure white flowers; 1 foot. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## LIATRIS (Blazing Star, or Gay Feather)

**Pycnostachya.** Showy and attractive native plants, succeeding anywhere, producing spikes of light rosy-purple flowers in July and August; 5 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## HOLLYHOCKS

(Double)

These thrive best in soil that is not too wet, which should be enriched with well-rotted stable or sheep manure. While perfectly hardy, we recommend protecting them slightly during the winter with leaves, long manure or straw. To guard against fungus or rust we recommend spraying the plants in early spring with Pyrox or Bordeaux Mixture.

Our strain of these is very fine, and we offer the following colors in double flowering only (each separate):

**Yellow, Crimson, Pink, White.** 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



Mitchell's Double Hollyhock

## LATHYRUS (Everlasting or Perennial Sweet Peas)

The perennial pea is one of the hardiest and most easily cultivated species, thriving almost anywhere. It is a good trellis plant, and is adapted as a cover to wild, rough places.

**Latifolius.** Large deep red flowers on long stems in constant succession. 6 feet.

—**Pink Beauty.** Clusters of large beautiful shell-pink flowers. Price, either of above, 35c. each; doz., \$3.00.

—**White Pearl.** Most beautiful of all everlasting peas with pure white flowers, which are about double the size of the ordinary Lathyrus Latifolius albus. Price, 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

## LILY OF THE VALLEY

Bundles, 75c. each (by P. P., 85c.); doz., \$7.00 (by P. P., \$7.50); \$50.00 per 100. Stock cannot be shipped after May 15th.

## LOBELIA

**Cardinalis (Cardinal Flower).** Rich fiery cardinal flowers. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## LUPINUS (Lupins)

These flower in May and June; are 3 to 4 feet high.

**Polyphyllus Blue.** Very showy.

**Polyphyllus White.** **Polyphyllus Pink.** 3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$25.00.

## LYCHNIS (Campion)

Of easy culture, thriving in any soil; this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

**Chalcedonica.** A most desirable plant; heads of brilliant orange-scarlet flowers in June and July; grows 2 to 3 feet high.

**Chalcedonica Alba.** A white-flowered form of above.

**Viscaria.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red flowers; 1 foot.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## LYSIMACHIA

**Clethroides (Loose-strife).** A fine hardy variety about 2 feet high; dense, recurved spikes of white flowers from July to September.

**Nummularia (Creeping Jenny, or Money-wort).** Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



## IRIS GERMANICA (Fleur de Lis)

**Bridesmaid.** White, shaded silvery lilac.

**Fro.** Standards deep gold; falls chestnut brown; a highly colored variety. 40c. each; doz., \$3.50; \$25.00 per 100.

**Halfdan.** Large, creamy white flowers of good substance.

**Monsignor.** Standards satiny violet; falls velvety purple crimson, with lighter margin; very large flower. 40c. each; doz., \$3.50; \$25.00 per 100.

**Mrs. Alan Gray.** Standards and falls delicate pale rosy mauve; medium early. 40c. each; doz., \$3.50; \$25.00 per 100.

**Navajo.** Standards light bronzy yellow, shaded lavender; falls deep maroon, veined white and yellow; stigmas yellow; deep orange beard. 40c. each; doz., \$3.50; \$25.00 per 100.

**Nibelungen.** Standards fawn yellow; falls violet purple with fawn margin; a handsome, large flowering variety. 40c. each; doz., \$3.50; \$25.00 per 100.

**Pallida Damatica.** Standards and falls clear lavender blue, shading to pale silvery blue at the base; large spreading flowers, sweetly scented. This variety is much confused with other Pallida types, which have been widely distributed under this name. The true Dalmatica can be easily distinguished by its form and light silvery shading at the base of the petals and its heavy glaucous foliage. 40c. each; doz., \$3.50; \$25.00 per 100.

**Pallida Mandaliscae.** Rich, lavender purple; tall, large and handsome, very early. 40c. each; doz., \$3.50; \$25.00 per 100.

**Powhatan.** Standards light bishop violet with deeper border; falls deep purple, shaded crimson; large, horizontal spreading flower. 40c. each; doz., \$3.50; \$25.00 per 100.

**Queen of May.** Standards and falls lovely, soft rose lilac, almost pink.

**Tineae.** Standards and falls deep blue, shaded lilac; fine large flower.

**Walhall.** Standards light, lavender blue; falls satiny violet blue.

**Wyomissing.** Standards creamy white, suffused soft rose; falls deep rose base, shading to flesh colored border. 40c. each; doz., \$3.50; \$25.00 per 100.

Named sorts, any of the above (except where noted), 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); \$18.00 per 100.

**Mixed German Iris.** 6 for \$1.00 (by P. P., \$1.10); per doz., \$1.50 (by P. P., \$1.75); \$10.00 per 100.

## IRIS KAEMPFER (Japanese Iris)

The King of all Iris and in popularity they can be classed with the Hardy Phlox and Paeonies; coming into flower about the middle of June, they continue for five or six weeks and are particularly welcome at this time. They succeed in almost any soil and like plenty of water when forming their flower buds.

**Aspasie.** Single; color, soft mauve blue.

**Eumee.** Single flowers; purple veined darker purple.

**Gold Bound.** A fine double pure white, enriched by a creamy glow from the gold banded center.

**Kumo No Obo.** Six large, royal purple petals with a yellow center, radiating into lines; a most brilliant variety.

**Mahogany.** Large double flowers; the atest to bloom; color, purple mahogany red; the erect petals are prettily crested.

**Midnight.** Large single flowers, deep purple in color.

**Nagano.** Rich violet purple, shaded with blue; six petals.

**Ondine.** Very large, single pure white flowers.

**Proserpine.** Single, bright rich blue, produced by sanding of velvety blue on white.

**Purple and Gold.** Enormous double flowers, ten inches across; early and free blooming; color, rich, violet purple with white petaloids, tipped violet; the conspicuous golden throat extends outward in sharp bluish white rays.

**Reine de Bulgarie.** Soft lilac; lemon yellow throat; very good. Price, any of the above named sorts of Japanese Iris, 3 for \$1.10 (by P. P., \$1.25); \$4.00 per doz. (by P. P., \$4.40); \$30.00 per 100.

**Mixed Japanese Iris.** All colors and shades. 4 for \$1.00 (by P. P., \$1.15); \$2.75 per doz. (by P. P., \$3.10); per 100, \$18.00.

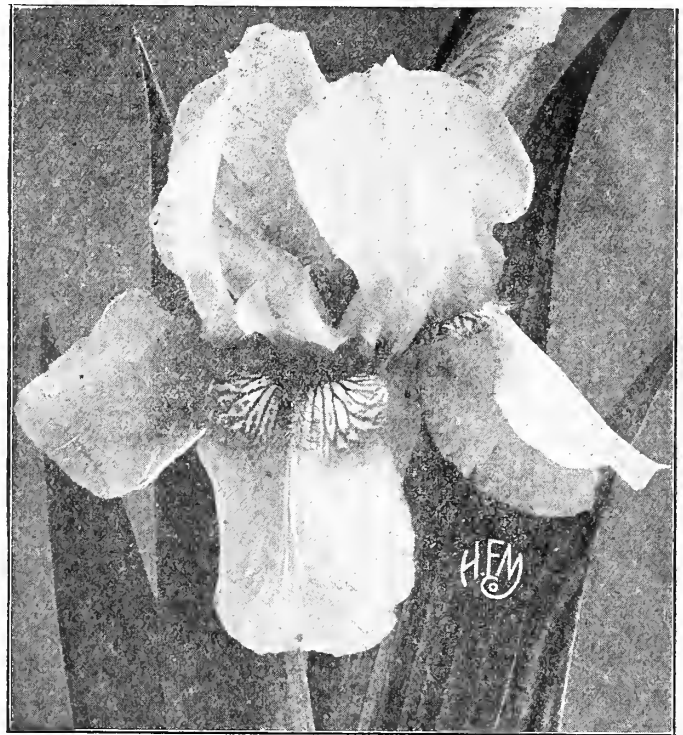
## MERTENSIA (Blue Bells)

**Virginica.** An early spring flowering plant growing 1 to 1½ feet high with drooping panicles of handsome light blue flowers fading to clear pink; May and June. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30) per 100, \$18.00.

## MONARDA (Bergamot)

**Didyma Cambridge Scarlet (Oswego Tea).** Crimson scarlet. —**Rosea (Bee Balm).** Flowers of a rose color, and sweetly fragrant foliage; 18 inches; July to September.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



*Iris Germanica*

## OENOTHERA (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery.

**Missouriensis.** Large golden-yellow. 1 foot. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

**Terminalis.** Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PENTSTEMON (Beard Tongue)

Most useful showy perennials, either for the border or rockery. They are perfectly hardy.

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers; height, 3 to 4 ft.; June to August.

**Digitalis.** Large spikes of long purple-white flowers with purple throats, during June and July. 2 to 3 feet.

**Multiflorus Roseus.** A compact growing variety, not over 2½ feet in height; the flowers are produced freely from June to August and are of a pleasing shade of coral-pink.

3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$20.00.

## PHYSALIS (Chinese Lantern Plant)

**Francheti.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high and producing freely bright orange scarlet, lantern-like fruits; highly interesting. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PHYSOSTEGIA (False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers, not unlike a gigantic heather.

**Virginica.** Bright but soft pink.

—**Alba.** Pure white; very fine.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

# MICHELL'S GIANT FLOWERING PEONIES

Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed—if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.

**Alexandriana.** Very large full double, rose type; light violet-rose; fragrant; very strong upright grower and free bloomer. \$1.00 each.

**Asa Gray** (*Crousse*, 1886). Semi-rose type; midseason. From the formation of the flower it is designated as a double decker. Very large, full imbricated bloom; guard petals salmon-flesh, center of bloom very full and perfectly formed; color delicate lilac plentifully sprinkled with minute dots of deeper lilac. Fragrant and distinct. \$1.00 each.

**Atrosanguinea** (*Calot*, 1850). Semi-double; midseason. A marvelous flower of globular form. Color brilliant rosy-magenta outer guards streaked with white. Strong vigorous grower with spreading habit; free bloomer. \$1.00 each.

**Augustin Dhour** (*Calot*, 1867). (*Syn. Marechal MacMahon.*) Bomb type; midseason. Extremely large, showy, perfectly built bloom; primary petals narrow and built up close and high. Color, very deep, rich, brilliant solferino-red with slight silvery reflex; the largest of all red Peonies. \$1.00 each.

**Boule de Neige** (*Calot*, 1867). Semi-rose type; early midseason. Translated is "Ball of Snow." Large cup-shaped full bloom, of good substance and perfect form. Color, milk-white, with sulphur center, both guards and center prominently flecked crimson. 75c. each.

**Candidissima** (*Calot*, 1856). Rose type; early. An attractive Peony. Guard petals creamy-white, center sulphur, delicately tinted flesh with a light green heart. Very chaste and refined. Strong grower, free bloomer, with great big flowers. \$1.00 each.

**Charlemagne** (*Crousse*, 1880). Rose type; late. Very double, large globular flowers; color lilac white with a deeper salmon-pink center. Free bloomer, pleasant fragrance. 75c. each.

**Couronne d'Or** (*Calot*, 1873). Semi-rose type; late midseason. This is the famous Crown of Gold. Immense, very full, imbricated ball-shaped bloom. Solid and compactly built from edge to center. Color, snow-white reflecting golden-yellow stamens that show through the petals when looking at the flower from the side. These stamens light up the whole flower with a glow that is simply indescribable and which suggests the name "Crown of Gold." 75c. each.

**Delachei** (*Delache*, 1856). Rose type. Late midseason. Simply grand. A dazzling red. \$1.00 each.

**Delicatissima.** Large rose type; pale lilac-rose, carpels greenish yellow and very hairy, stigmas creamy-white; fragrant. Very strong tall grower, fine habit, free bloomer; extra-good keeper and shipper. Midseason. Very similar to Floral Treasure. 75c. each.

**Docteur Bretonneau** (*Guerin*, 1850). Rose type. Large, compact flower, midseason; guards pale lilac; center milk-white shaded amber; fragrant. Tall, strong grower; very free bloomer. Extra commercial variety. \$1.00 each.

**Dorchester** (*Richardson*, 1870). Rose type; very late. The color is a delicate Hydrangea-pink or salmon-pink; blooms very late, thus extending the time at which we may enjoy the Peony fully a week. 75c. each.

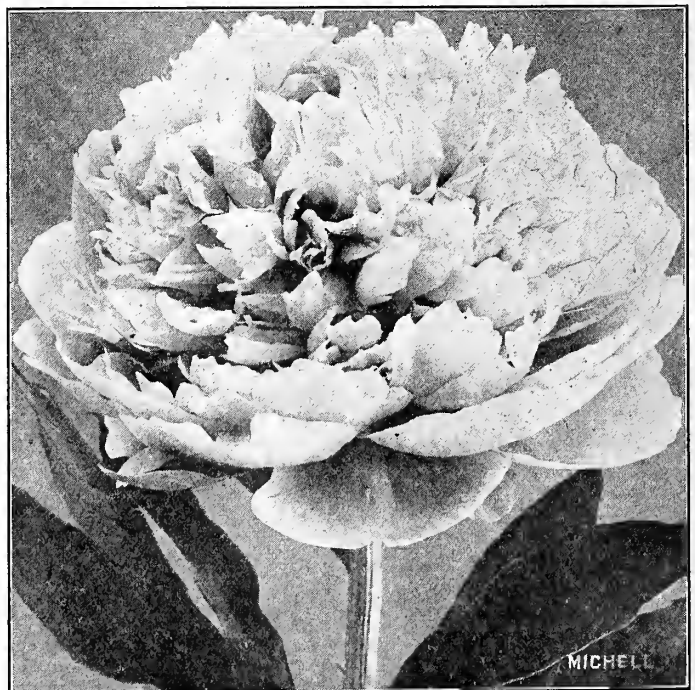
**Duc de Wellington** (*Calot*, 1859). Bomb type; late midseason. A vigorous tall growing plant with stems sufficiently strong to stand upright. Flowers of enormous size, really gigantic, pyramidal in shape, with high built center. Two rows of large broad guards of pure snow-white, center of flower sulphur-white, free and fragrant; an ideal cut flower. 75c. each.

**Duchess de Nemours** (*Calot*, 1856). Crown type; early. Superb, cup-shaped, sulphur-white flowers with greenish reflex that lights up the entire flower; gradually changes to a pure snow-white without spot or blemish. Fragrant. 75c. each.

**Edulis Superba** (*Lemon*, 1824). Crown type; very early. This might well be called the Decoration Day Peony, for it has never failed to be in full bloom for May 30th. A most beautiful bright clear mauve-pink with silvery reflex that under good culture measure from seven to eight inches across. One of the most valuable Peonies. June rose fragrance. 75c. each.

**Eugene Verdier** (*Calot*, 1864). Rose type; late. Very large compact double flowers. Color, delicate Hydrangea-pink, outer guard petals lilac-white. Very erect rather dwarf habit, with extra strong stems. Free bloomer; fragrant. \$2.00 each.

**Golden Harvest** (*Rosenfield*, 1900). Bomb type; midseason. A most striking variety producing large, tri-colored bloom. The guard petals are blush-pink with creamy-white center; center of flower overlaid and tipped with carmine. It combines cream, gold, white, pink, salmon, peach and apricot, the total color effect of the flower being creamy-pink; strong, delicate fragrance. 75c. each.



Peony, Rose Type

NOTE—If Peonies are wanted by Parcel Post, add 10c. per root for postage.

**Jeanne d'Arc** (*Calot*, 1858). Crown type; midseason. Soft pink, intermingled with sulphur-white and rose. Center spotted carmine. Extra. 75c. each.

**Lady Bramwell** (*Verdier*, 1854). Bomb type; early midseason. This is a charming, large, full and exceedingly fragrant flower of perfect symmetrical form. The color is delicate silvery-rose with lively pink center; petals tipped creamy-white with an occasional crimson fleck. In many localities grown for cut flowers. Has the true June rose fragrance. 75c. each.

**La Tulipe** (*Calot*, 1872). Semi-rose type; midseason. Enormous, globular, fragrant flowers, delicate blush-white, shading to ivory-white, with red tulip markings on outside of guard petals. 75c. each.

**Livingstone** (*Crousse*, 1879). Rose type; late. Very full imbricated bloom; both buds and flowers are large and beautiful. Color, pale lilac-rose with sheen of silver; very free sure bloomer in clusters; upright, erect grower; fine cut flower variety. One of the prize winners. \$1.00 each.

**Louis Van Houtte** (*Calot*, 1867). Semi-rose type; late midseason. Very fine, shapely bloom; medium to large flower; color, bright violaceous-red of dazzling effect. Old favorite. 75c. each.

**Madame Bucquet** (*Dessert*, 1888). Semi-rose type; midseason. Very pretty, perfect shaped bud and flower. Color, velvety-crimson, almost black, very rich and magnificent; very free. \$1.00 each.

**Madame Calot** (*Mieliez*, 1856). Rose type; early. Large, convex bloom. Hydrangea-pink, center shaded slightly darker with a somewhat sulphur-tint in the collar. 75c. each.

**Madame Crousse** (*Calot*, 1866). Crown type; midseason. Free bloomer in clusters; large flowers of pure white with crimson flecks on crown. 75c. each.

**Madame de Galhau** (*Crousse*, 1883). Rose type; late. Medium large compact bloom. Guards rose white, center pale lilac-rose. Free bloomer; fragrant. 75c. each.

**Madame de Vatry** (*Guerin*, 1863). Crown type; midseason. Very large, finely formed bloom. Lilac-white guards and crown, sulphur-white collar of wide petals, center striped carmine. Splendid cut flower variety and a fine bedding sort; fragrant. 75c. each.

**Madame de Verneville** (*Crousse*, 1885). Bomb type; early. Guard petals are pure white, very large and folding over the flower; the blooms are very full and double, of the purest white suffused with daintiest blush except a few cream-colored petals and four red flakes on central petals; exceptionally free. 75c. each.

**Madame Ducel** (*Mechin*, 1880). Bomb type; midseason. A very large, wonderfully built flower; broad guard petals; center bomb shaped like a huge ball; very double and compact. The closely set central petals are beautifully incurved as in a Chrysanthemum. The whole flower, both guards and bomb, a solid color of silvery-lilac-pink or mauve rose, very distinct and floriferous; holds its form and color to the end. 75c. each.

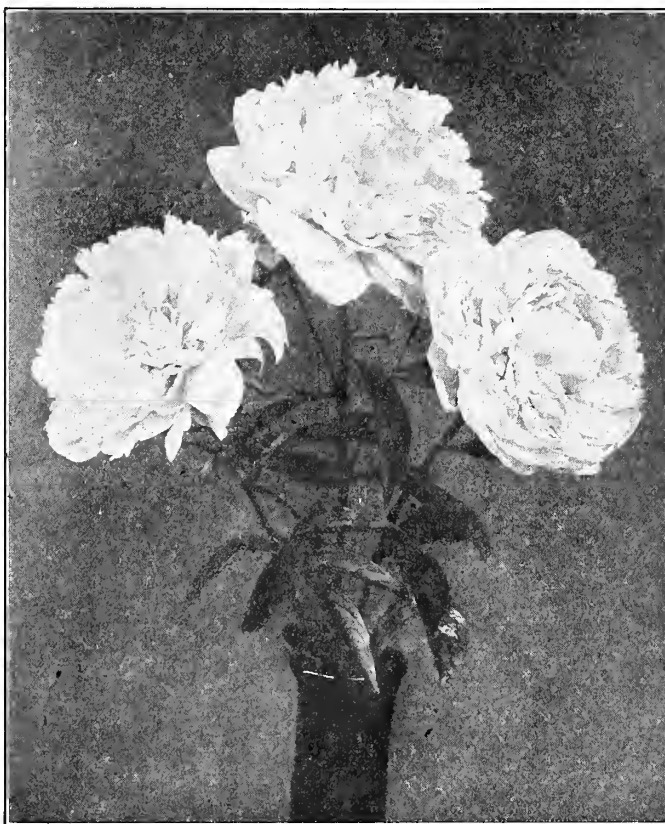
**Marie Lemoine** (*Calot*, 1864). Rose type; very late. The flowers are enormous and massive. Color ivory-white with occasional narrow carmine tracing on edge of some petals. The gigantic blooms come very late on stout, erect stems standing well above the foliage. \$1.00 each.

**Modeste Guerin** (*Guerin*, 1845). Bomb type; midseason. Large, handsome, globular bloom; color a uniform solferino-pink, tinged carmine; has the true fragrance of the American Beauty Rose. Best Peony of its color to bloom at this season. \$1.00 each.

**Monsieur Dupont** (*Calot*, 1872). Semi-rose type; midseason. Very large, well built, cup-shaped bloom, ivory-white; center petals splashed with huge drops of lively carmine and lit up with golden stamens at base of petals. \$1.00 each.

**Monsieur Jules Elie** (*Crousse*, 1888). Bomb type; early midseason. This is the king of all Peonies, and is without question M. Crousse's masterpiece. Immense globular, very full flowers. Color, an ideal glossy lilac-pink, shading to deeper rose at the base, the entire flower overlaid with a sheen of silver that fairly shimmers in the sunlight. \$1.50 each.

**Monsieur Krelage** (*Crousse*, 1883). Semi-rose type; late midseason. Deep currant or solferino-red with amaranthine center. Large, flat flowers as big as a plate; perfect in outline. Grand in every way. \$1.00 each



Peony, Semi-Rose Type

**President Roosevelt** (*Holland*, 1905). Semi-rose type; midseason. A variety purchased in England under number and named in Holland for our ex-President. It is a deep, rich, brilliant red in color, different from any red we know, and a grand Peony. \$1.00 each.

**Queen Victoria** (*Eug. Hort*, 1830). Bomb type; early midseason. The very best every day white. When cut a first rate keeper. Flower of good substance and color; very pretty in the bud state, when it has a faint blush tint; an old standby. 75c. each.

**Rose d'Amour** (*Calot*, 1857). Bomb type; early midseason. Hydrangea-pink; fragrant and very fine; very large. \$1.50 each.

**Rubra Superba** (*Richardson*, 1871). Rose type; very late. Magnificent, rich, brilliant deep crimson, without stamens; very large full and double; highly fragrant, and the best keeper of the whole family. \$1.00 each.

**Souvenir de l'Exposition Universelle** (*Calot*, 1867). Rose type; late midseason. Very large, flat flower of violet-rose with silvery reflex and distinctly tipped silver; fragrant; free bloomer, with spreading habit. 75c. each.

**Triumph du Nord** (*Mieliez*, 1850). Bomb type; midseason. Light carnation-pink, much the shade of Enchantress Carnation. Fragrant. 75c. each.

**Zoe Calot**. Medium size, compact, flat, bomb type; violet-rose; fragrant, erect, medium-tall grower. Midseason. Good. 75c. each.

## PEONIES IN COLORS

	Each	Doz.	100
Double Pink.....	\$0.40	\$4.25	\$32.50
Double Red.....	.40	4.25	32.50
Double White.....	.40	4.25	32.50
Double Mixed. All colors.....	.40	4.25	32.50

NOTE—If Peonies are wanted by Parcel Post, add 10c. per root for postage.

Parcel Post charges cover postage and special packing required

(oa)



# MICHELL'S SUPERB HARDY PHLOXES

Among hardy herbaceous plants none are more easily grown than these. They are perfectly hardy, succeeding in any garden soil, and produce magnificent spikes of showy and lasting flowers year after year with comparatively little care. They are indispensable for brilliant, bold color effects in mass during the late summer and autumn as it would be difficult to maintain the display of dazzling color without them during July and August, at a time when there is hardly anything else in bloom that can be depended upon.

**Bacchante.** Tyrian-rose, with a crimson-carmine eye.  
**Baron von Dedem.** Deep pink, suffused orange; immense trusses.  
**Beacon.** Brilliant cherry-red; a new variety and one of the best.  
**Eclairer.** Brilliant rose-magenta, with lighter halo.  
**Elizabeth Campbell.** Bright salmon-pink, with lighter shadings and dark red eye. 50c. each; per doz., \$5.00.  
**Eugene Danzanvilliers.** Delicate lavender; a very attractive and decorative color; immense flowers. The peer of its color.  
**Europa.** Blush white, with a large deep pink center; the flower truss is very large, while the florets are also of gigantic size.  
**Jules Sandeau.** Dwarf; very large flowering; pure pink; an extra fine variety.

**Montagnard.** Dark purple claret; large spikes and flowers.  
**Mrs. Jenkins.** The best pure white.  
**Rheinlander.** Deep salmon pink, with a distinct bright red eye.  
**Rheinstrom.** A splendid new phlox with gigantic flowers of a bright pink. Quite tall; continues in bloom till frost.  
**Thor.** Deep salmon pink, suffused with scarlet; a white halo surrounds the aniline red eye.

**Von Lassburg.** The queen of all clear white phloxes; trusses and single flowers are immense in size; rather dwarf.

Price of all varieties Hardy Phlox, except where noted, extra strong roots which will flower the first season, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$16.00.

## PHLOX SUBULATA

**Alba (Moss Pink).** Moss evergreen-like foliage, tucking close to the ground and covered completely with white star-like flowers in May.

**Lilacina.** A beautiful shade of lilac.

**Rosea.** The same as above but with pure pink flowers.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PHLOX SUFFRUTICOSA

These differ from the others, in that the foliage and stem are deep green and glossy, and they begin to blossom in June and remain in bloom until October.

**Miss Lingard.** Pure white, with a lilac eye; very early. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## MISCELLANEOUS VARIETIES OF PHLOX

**Amoena.** A beautiful plant, with soft rose-colored flowers; one of the best for rockeries or borders; 4 inches high; April-May.

**Divaricata Canadensis.** A patch of these makes a spring show hard to describe. The large heads of fragrant lavender flowers appear the latter part of April and in May.

3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

## NEW PERENNIAL FLOWERING

### HARDY PINKS (*Dianthus Allwoodi*)

This is a most important addition to worth while perennials. They are perfectly hardy and flower continuously from early Spring until late in the Autumn. The flowers are much larger than the old type of Hardy Pinks and are borne on long stems suitable for cutting; deliciously clove scented.

**Jean.** Pure white with purple center.

**Mary.** Pale rose-pink with light maroon center.

**Robert.** Delicate shade of old rose with light maroon center.

3 for \$1.00 (by P. P., \$1.15); \$3.50 per doz. (by P. P., \$3.85); per 100, \$22.00.

### PINKS, HARDY GARDEN (Double)

These old-fashioned favorites, bearing their clove-scented flowers during the spring and early Summer, are splendid cut blooms.

**Elsie.** Bright rose with maroon center.

**Essex Witch.** Delicate pink, finely fringed.

**Homer.** Rosy-red with dark center.

**White Reserve.** An everblooming variety, double pure white.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); \$18.00 per 100.

## PLATYCODON

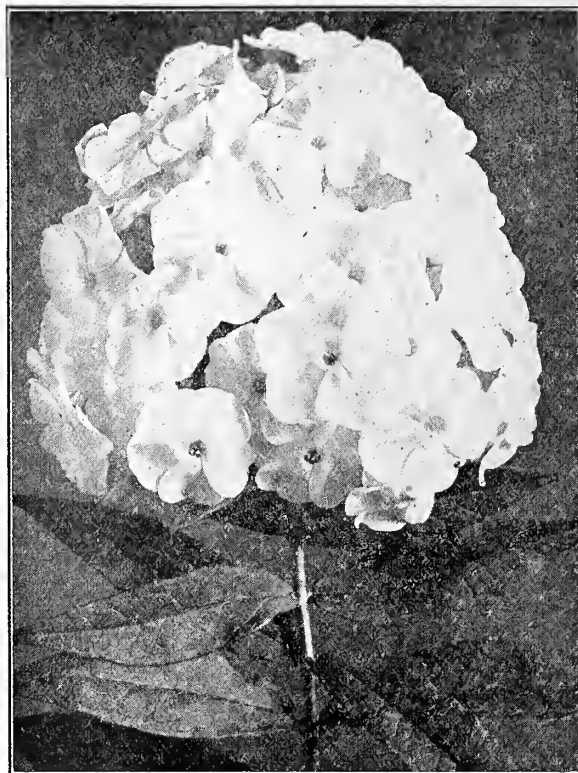
### (Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

**Grandiflorum.** Deep blue cupped, star-shaped flowers.

—**Album.** A white-flowered form of the above.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



Hardy Phlox, Mrs. Jenkins

## ORIENTAL POPPIES (*Papaver Orientale*)

**Goliath.** One of the most effective; flowers of a rich scarlet; the largest flowered of this class.

**Mrs. Perry.** A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden.

**Perry's White.** Pure satiny white with a bold crimson blotch at the base of each petal.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## ICELAND POPPIES (*Papaver Nudicaule*)

The graceful foliage is surmounted with a mass of stems a foot high, which terminate in a beautiful cup-shaped flower. Blooms the entire summer.

**Orange, Yellow, White;** each color separate. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PRIMULA (Hardy Primrose)

One of the first of the early spring flowers. They delight in a rich soil, preferably in a semi-shaded location.

**Veris (English Cowslip).** A mixture comprising the various shades of red and yellow; a splendid plant for the spring blooming garden.

**Vulgaris (English Primrose).** Beautiful light canary yellow; long flower stems with large trusses.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PYRETHRUM (Giant Daisy)

**Uliginosum.** Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## PYRETHRUM HYBRIDUM

A good old-fashioned perennial resembling colored daisies, blooming in June.

**Single Flowering.** Mixed colors only, ranging from pure white to dark red. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



## RANUNCULUS (Crowfoot Buttercup)

**Acris Fl. Pl.** A double flowered form of our common buttercup; 2 feet; May and June.

**Repens Fl. Pl.** (*Bachelor's Buttons*). A pretty double flowering, bright golden buttercup, bearing masses of flowers during May and June.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00

## RUDBECKIA (Cone-Flower)

**Golden Glow.** A well-known popular plant, attaining a height of 5 to 6 feet; produces masses of double golden-yellow, Cactus Dahlia-like flowers from July to September.

**Nitida "Autumn Sun."** An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow; August to October.

**Purpurea** (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped center of brown; forms bushy plants 3 feet high and blooms from July to October.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## SALVIA (Meadow-Sage)

Perennials with strikingly beautiful, orchid-like bloom, that make them welcome in the herbaceous border. Leaves are used in medicine and for the kitchen.

**Azurea Grandiflora** (*Rocky Mountain Sage*). Sky-blue flowers in greatest profusion during August and September; 6 feet.

**Pitcheri.** Similar to *Azurea* but of more branching habit and larger flowers of rich Gentian blue; 3 to 4 feet.

**Virgata Nemorosa.** An interesting plant for the hardy border; flower spikes bear many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet blue, forming a pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## SCABIOSA

**Caucasica.** A delicate shade of lavender blue, starting in flower in June and lasting well through the summer.

**Caucasica Alba.** White. Like the above, except the color.

2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz. (by P. P., \$5.30); per 100, \$30.00.

## SEDUM (Stonecrop)

### DWARF VARIETIES

Suitable for the rockery and covering of graves, etc.

**Acre** (*Golden Moss*). Much used for covering graves; has green foliage and bright yellow flowers.

**Sieboldi.** Round succulent glaucous foliage with bright pink flowers during August and September.

**Stahli.** A species with compact crimson foliage in the Autumn.

### ERECT GROWING VARIETIES

Useful and pretty plants for the border, producing their interesting flowers during the late Summer and Fall.

**Maximum Atropurpureum.** Handsome purple foliage with salmon-pink flowers during August and September; 12 to 18 inches.

**Spectabile.** Immense heads of handsome, showy rose colored flowers.

**Spectabile "Brilliant."** A rich colored form of the above, being a bright amaranth red.

Prices of any of the above Sedums, 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## SOLIDAGO (Golden Rod)

**Golden Wings.** The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## SPIRAEA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location.

**Filipendula** (*Dropwort*). Numerous corymbs of white flowers on stems 15 inches high, during June and July; fern-like foliage.

**Palmata** (*Crimson Meadow Sweet*). The deep purple red of the stems and branches passes into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

**Ulmaria Fl. Pl.** (*Meadow Sweet*). Double white flowers during July and August; 3 feet.

2 for \$1.00 (by P. P., \$1.15); \$5.00 per doz.; per 100, \$27.50.

## STATICE (Sea Lavender)

**Latifolia** (*Great Sea Lavender*). Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers when dried, lasting for months. 1 to 2 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## STOKESIA (Cornflower Aster)

**Cyanea.** Very light blue.

**Cyanea Alba.** Pure white.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.



Single Sweet William

## SWEET WILLIAM (Dianthus Barbatus)

**Mitchell's Prize Mixture.** In all colors.

**Pink Beauty** (*Sometimes called Newport Pink*). A splendid shade of salmon with immense flower trusses. When massed it is a striking feature of the perennial garden; an extra fine novelty.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## THALICTRUM (Meadow Rue)

**Adiantifolium.** A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## TRILLIUM (Wood Lily, or Wake Robin)

**Grandiflorum.** The largest white; probably the handsomest. 4 for \$1.00 (by P. P., \$1.15); \$2.50 per doz. (by P. P., \$2.75); per 100, \$15.00.

## VALERIANA (Valerian)

**Officinalis** (*Hardy Garden Heliotrope*). Showy heads of rose-tinted white flowers during June and July; 3 to 4 feet. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## VERONICA (Speedwell; Cancerwort)

**Amethystina.** Amethyst-blue flowers on short spikes; one of the best. 1 to 3 feet. May to June.

**Incana.** Bright silvery foliage with spikes of Amethyst-blue flowers during July and August; 12 inches.

**Longifolia Subsessilis** (*Japanese Speedwell*). A strong grower and undoubtedly the finest of all the Veronicas; rich blue flowers on tall spikes. Fine for cutting; 3 feet; July and August.

**Spicata.** Long spikes of bright blue flowers during June and July; 18 inches. An excellent border plant.

3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

## VINCA (Periwinkle or Myrtle)

**Minor.** Green foliage, lavender flowers. Extra strong plants. 4 for \$1.00 (by P. P., \$1.15); \$2.50 per doz. (by P. P., \$2.75); per 100, \$15.00.

**Aurea.** Identical in habit and value with the Minor type, except that the foliage is green, margined yellow. It is fast becoming very popular by reason of the brilliant show it makes. 3 for \$1.00 (by P. P., \$1.15); \$3.00 per doz. (by P. P., \$3.30); per 100, \$18.00.

Vines play an important part in the landscape of the home. There are so many purposes they fill that we cannot recommend too highly their general use.

**AKEBIA—Quinata.** A quick-growing vine; small, fine-lobed, half-evergreen leaves, and purplish brown or chocolate-colored flowers, which have a delicious odor. This plant is highly desirable where a dense shade is not desired. Extra strong plants, 75c. each (by parcel post, 90c.); 6 for \$3.25; 12 for \$6.00.

**AMPELOPSIS—Quinquefolia (Virginia Creeper).** The large handsome, dark green leaves are deeply cut into five lobes; in the autumn the foliage turns a beautiful rich crimson; especially adapted to covering tree stumps and trunks. Extra strong plants, 75c. each (by parcel post, 90c.); 6 for \$3.25; 12 for \$6.00.

**AMPELOPSIS—Veitchii (Boston Ivy).** The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the autumn turn to a coppery red. Strong plants, 60c. each (by parcel post, 90c.); 3 for \$1.50; 12 for \$5.00.

**ARISTOLOCHIA—Sipho (Dutchman's Pipe).** Handsome light green leaves, giving a quick, dense shade. The brown flowers are shaped like the bowl of a pipe. Large plants, \$1.25 each (by parcel post, \$1.40).

**BIGNONIA—Radicans (Trumpet Vine).** A strong-growing vine, with rich green foliage and trumpet-shaped flowers, dark red, throat shaded orange; free flowering. Strong plants, \$1.00 each (by parcel post, \$1.15).

**CELASTRUS SCANDENS (Bittersweet or Waxwort).** A vine of rapid growth. In the early summer it produces yellow flowers, which by autumn have turned to bright, orange-colored fruits, with red markings. Extra strong plants, \$1.00 each (by parcel post, \$1.15).

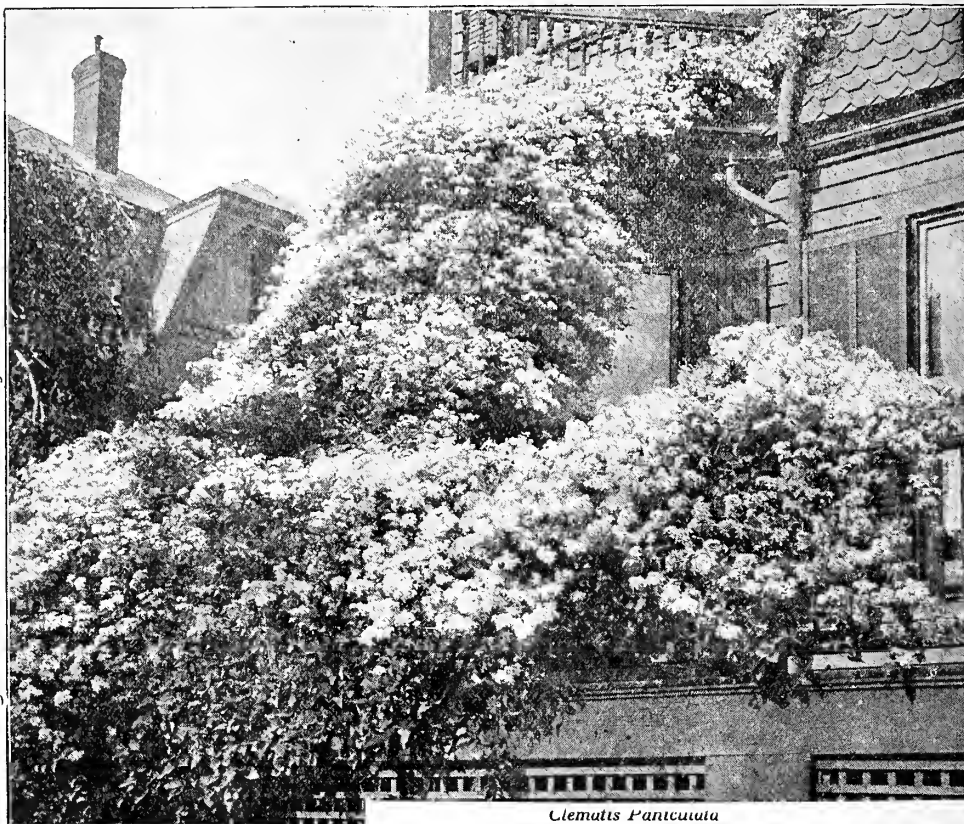
**CLEMATIS—Paniculata (Japanese Virgin's Bower).** A strong, luxuriant grower, with light green foliage. At the close of August innumerable small, star-like flowers cover the vine in a sheet of fragrant white. It delights in plenty of sunlight, rich soil and plenty of water in dry weather. Strong plants, 40c. each; 6 for \$1.75; per doz., \$3.50; \$18.00 per 100. Extra strong plants, 75c. each; 6 for \$3.00; per doz., \$5.00; \$35.00 per 100.

**EVONYMOUS—Radicans.** Self-clinging vine, suitable for covering walls, stumps or rockeries, or wherever a vine of slow growing habit is desired; green foliage. Extra strong plants, 60c. each (by P. P., 75c.); doz., \$5.00; \$30.00 per 100.

—**Variegata.** Leaves are variegated; otherwise like the above variety. 50c. each (by P. P., 65c.); doz., \$3.50; \$25.00 per 100.

—**Vegeta.** This plant is regarded far too little in importance as a strictly A-1 variety for climbing stone walls of buildings or otherwise; it ranks favorably with English Ivy, except that it is evergreen and does not winter kill or shed its foliage. The foliage is larger than that of the type Radicans, and the plant produces an orange-colored berry, which remains on the plant the most part of the winter. Evonymous Vegeta should be planted more extensively than it is. Extra heavy plants, 60c. each (by P. P., 75c.); doz., \$5.00; \$30.00 per 100.

**HOP VINE (Japanese).** A rapid grower, with dark green foliage, and bearing a profusion of seed-pods, suitable for many domestic purposes. Strong pot-plants, 35c. each (by P. P., 45c.); 3 for \$1.00; doz., \$3.00.



*Clematis Paniculata*

**HONEYSUCKLE.** This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

—**Chinese Evergreen.** Yellow and white variegated flowers; very fragrant; blooms the entire season.

—**Halliana (Hall's Honeysuckle).** Flowers pure white, turning to yellow; hardy evergreen; flowers from June until frost.

—**Red Coral or Scarlet Trumpet.** Bright red, trumpet-shaped flowers. Blooms all summer. Extra strong plants, 75c. each; doz., \$7.50.

—**Variegated (Aurea Reticulata).** Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles (except where noted), 4 in. pot plants, 50c. each (by P. P., 65c.); doz., \$5.00; \$30.00 per 100. 6-in. pot plants, \$1.00 each (by P. P., \$1.25); doz., \$10.00.

**LYCIUM (Matrimony Vine)—Barbarum.** A dense growing climber, somewhat shrubby in nature. In late summer the small purple flowers are followed by a crop of red berries, which remain until late winter. Extra heavy plants, \$1.00 each (by P. P., \$1.15).

**POLYGONUM—Auberti.** For porches, lattice work, fences, buildings, etc. A useful vine which is perfectly hardy and free from disease or pests. It is quick growing, a small plant making twenty-five to thirty feet of growth the first summer, and producing clouds of snowy white flowers, borne in long clusters, which turn rose color with age. The foliage is clean looking and attractive, and apart from its wonderful flower effect will please everyone by its appearance. It will not cling to the wall, but will ramble over anything that will support it. Extra strong plants, \$1.50 each (by P. P., \$1.75).

**WISTARIA.** This flowers in the latitude of Philadelphia during May. A strong developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded. They thrive best in the sun, and with an application of cow manure once or twice a season they respond marvelously by an extra growth and an abundance of flowers.

—**Chinensis (Chinese Wistaria).** Pale blue; somewhat fragrant. Extra strong plants.

—**Chinensis Alba.** A beautiful white flowering form of the above. Extra strong plants.

Price of Wistarias, \$1.25 each (by P. P., \$1.40).

**ALTHEA** (*Rose of Sharon*). These thrive almost anywhere, "producing their bloom from July till September.

—**Alba Plena**. Pure white; double.

—**Atropurpurea Plena**. Double purple.

—**Lady Stanley**. Semi-double; pale pink, splashed with carmine. Plants, 2 to 3 feet high, \$1.00 each (by P. P., \$1.15), 6 for \$4.00 (by P. P., \$4.25); doz., \$7.50.

**AMYGDALUS**—**Alba Flore Pleno** (*Flowering Almond*). Erect, slender branches, covered in May with small, very double, fragrant white flowers. Strong plants, 2 to 3 feet, \$1.50 each (by parcel post, \$1.65).

—**Rosea Flore Pleno**. Identical with the above, but bearing pink flowers. Strong plants, 2 to 3 feet, \$1.50 each (by parcel post, \$1.65).

**BERBERIS**—**Thunbergii** (*Japanese Barberry*). A good, hardy plant for lawn or border. The branches are prickly with small thorns and tend to make a defensive hedge. In autumn the foliage is crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9-12 inches	\$0.25	\$2.50	\$15.00
12-18 inches	.35	3.50	22.50
18-24 inches	.50	5.00	35.00
24-30 inches	.75	7.50	50.00

**Bridal Wreath**. See *Spirea Prunifolia*.

**CALLICARPA PURPUREA** (*Beauty Fruit*). A beautiful shrub growing about 3 feet high, covered in August with tiny pink tinted flowers, followed in late September by violet purple berries borne in clusters from the axil of every leaf, remaining until the middle of Winter. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**CALYCANTHUS**—**Floridus** (*Sweet Shrub*). Chocolate-colored double flowers, with a peculiar agreeable odor. Blooms in June. 3 to 4 feet, \$1.00 each (by parcel post, \$1.15).

**CERCIS**—**Canadensis** (*Judas Tree or Red Bud*). A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 4 to 6 feet plants, \$1.50 each.

**CHIONANTHUS**—**Virginica** (*White Fringe*). In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants, 2 to 2½ feet, \$1.00 each (by P. P., \$1.15).

**Chaste Tree**. See *Vitex*.

**CLETHRA**—**Alnifolia** (*Sweet Pepper Bush*). Of low growth; has numerous spikes of small white fragrant flowers in July, 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**CORNUS**—**Elegantissima** (*Variegated Dogwood*). A beautifully variegated shrub which should be planted more freely. Strong plants, 2 to 3 feet high, \$1.75 each.

—**Lutea** (*Golden-Twigged Dogwood*). Bright yellow branches in Winter. Strong plants, 2 to 3 feet high, \$1.50 each.

—**Sibirica** (*Siberian Dogwood*). Branches a bright, coral red; quite ornamental. Strong plants, 2 to 3 feet high, \$1.00 each.

**Crab**. See *Malus*.

**CYTISUS**—**Laburnum** (*Golden Chain*). A large shrub with shining green leaves and long drooping racemes of yellow flowers, in the early summer. \$1.50 each (by parcel post, \$1.65).

—**Candidissima Fl. Pl.** Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit. 3 ft. plants.

—**Crenata Rosea Fl. Pl.** Double flowering; white tinged pink. 3 ft.

—**Gracilis**. Of dwarf, bushy habit; white flowers. 18 inches.

—**Lemoinei**. Rather low growing with slender arching branches, with large clusters of graceful white flowers in May.

—**Pride of Rochester**. The flowers, borne in large panicles, are pinkish white, with under-side of the petals rose. June. Price of Deutzias, \$1.00 each (by parcel post, \$1.15).

**Dogwood**. See *Cornus*.

**EVONYMUS** **Alata** (*Cork-barked Evonymus*). Small delicate flowers in late Spring are followed by attractive red berries in the Fall. Curious corky bark, brilliant Autumnal foliage. Best for individual planting. 2 feet, \$1.50 each (by parcel post, \$1.65).

**EXOCHORDA** **GRANDIFLORA** (*Pearl Bush*). A medium sized shrub, producing white flowers in clusters, early in the Spring. Strong plants, 18 to 24 inches, \$1.00 each (by parcel post, \$1.15).

**Flowering Almond**. See *Amygdalus*.

**Flowering Crab**. See *Malus*.

See Page 42 for Special Notice on Guarantee.

**FORSYTHIA** (*Golden Bells*). Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

—**Fortunei**. Erect growing with dark green foliage.

—**Intermedia**. April. Vigorous grower with slender, erect or arching branches.

—**Suspensa**. Graceful, drooping tendency. Frequently planted on banks and slopes.

—**Viridissima**. Erect shoots, spreading branches and excellent foliage that assumes a rich Autumnal tint and persists until early Winter.

Price of Forsythias, strong plants, 3 feet, \$1.00 each (by parcel post, \$1.15).

**Golden Bells**. See *Forsythia*.

**Golden Chain**. See *Cytisus*.

**Honeysuckle**. See *Lonicera*.

**HYDRANGEA**—**Arborescens Grandiflora Alba** (*Snowball Hydrangea*). The snow-white blooms are of the largest size, coming into flower early in June and lasting until late in August. Is more hardy than any other sort and especially suited for shaded places. 2 to 2½ feet, \$1.00 each (by parcel post, \$1.15).

—**Paniculata Grandiflora**. The large panicles of white flowers are at their best during August; later they take on a reddish cast. Fine as single specimens on the lawn or grouped in large beds. Strong bush form, 2 ft. plants, \$1.00 each (by parcel post, \$1.15). Extra strong stock, 3 feet, \$1.50 each.

—**Paniculata Grandiflora** (*Standard or Tree Shaped*). These are fine, planted as individual specimens in the lawn or in the center of beds, containing other plants. Stems 3 to 4 feet long, with shapely heads, \$1.75 each.

—**Quercifolia** (*Oak-leaved Hydrangea*). A handsome spreading shrub with striking foliage, turning in Autumn to a beautiful red. The flowers are produced freely in August, in flat white clusters. Strong plants, 18 to 24 inches, \$1.50 each (by parcel post, \$1.65).

**Japan Quince**. See *Pyrus*.

**JASMINUM**—**Nudiflorum**. Fine for sheltered positions; fragrant yellow flowers early in Spring. 2 feet, \$1.00 each (by parcel post, \$1.15).

**Judas Tree**. See *Cercis*.

**Lilac**. See *Syringa*.

**LONICERA**—**Fragrantissima** (*Honeysuckle*). Fragrant white flowers early in Spring. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

—**Morrowi**. Foliage dark green with small white flowers in May. During the late summer and early autumn the plant is covered with bright red berries. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

—**Ruprechtiana**. A free flowering variety; white flowers during May and June, followed by red fruit. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**MALUS**—**Floribunda** (*Japanese Flowering Crab*). One of the best of the flowering Crabs. The buds are a warm rose color opening to light pink flowers—the whole forming a shapely bush or small tree. 3 to 4 feet, \$2.00; 4 to 5 feet, \$2.50 each.

**MALUS**—**Ioensis Plena** (*Bechtel's Double Flowering Crab*). A shapely little tree, producing quantities of very double, fragrant flowers of a soft pink, resembling a small Rose in formation. 18 to 24 inches, \$1.25; 2 to 3 feet, \$1.50; 3 to 4 feet, \$2.00 each.

**MALUS**—**Parkmanii** (*Parkman's Flowering Crab*). Rose-colored buds open into little rosy-white flowers; these are succeeded by decorative fruits. The tree is of a rather spreading, irregular habit. 3 to 4 feet, \$2.00 each.

**Mock Orange**. See *Philadelphus*.

**Pearl Bush**. See *Exochorda*.

**PHILADELPHUS**—**Avalanche** (*Dwarf Mock Orange*). Slender, arching branches nearly covered with showy white flowers; very fragrant. 18 to 24 inches, \$1.00 each (by parcel post, \$1.15).

—**Coronarius** (*Mock Orange*). Handsome foliage and beautiful, fragrant white flowers in May and June. 2 ft. plants, \$1.00 each (by parcel post, \$1.15).

—**Grandiflorus**. A robust growing variety, bearing large white flowers. 3 feet, \$1.00 each.

**PYRUS**—**Japonica** (*Japan Quince*). This shrub is a beautiful sight when covered in the early spring with cherry-red flowers, about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest Quince jelly or preserves. Extra strong plants, 2 feet, \$1.00 each (by parcel post, \$1.15).

**Red Bud**. See *Cercis*.

Shipping season is usually from November 15th until freezing weather, and from March 15th to May 1st.



# 40 MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS (Con.)

**RHUS—Typhina Laciniata** (*Dwarf Cut-leaved Sumac*). Low growth and fern-like foliage, which is colored in the fall months. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**Rose of Sharon.** See Althea.

**Snowball.** See Viburnum.

**Snowberry.** See Symphoricarpos.

**SPIREA—Anthony Waterer.** Of dwarf, dense habit, bearing a profusion of crimson flowers. \$1.00 each (by parcel post, \$1.15).

—**Prunifolia** (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. 3 feet, \$1.00 each (by parcel post, \$1.15).

—**Thunbergii.** Delicate foliage and small white flowers in the early Spring. 18 inches, \$1.00 each (by parcel post, \$1.15).

—**Van Houttei.** The most beautiful of all white Spireas, flowering in May. 3 feet, \$1.00 each (by parcel post, \$1.15).

**Sumac.** See Rhus.

**Sweet Pepper Bush.** See Clethra.

**Sweet Shrub.** See Calycanthus.

**SYRINGA (Lilac)—Charles X.** A strong variety, bearing large trusses of reddish purple flowers. \$1.25 each (by parcel post, \$1.40).

—**Japonica.** A very desirable free flowering tree, bearing during June and July fragrant white flowers in large panicles. \$1.00 each (by parcel post, \$1.15).

—**Marie Legraye.** A dwarf growing variety, producing immense trusses of creamy white flowers. \$1.25 each (by parcel post, \$1.40).

—**Vulgaris.** Common purple, sweet-scented lilac. \$1.00 each (by parcel post, \$1.15).

—**Vulgaris Alba.** Pure white type of the above, but more fragrant. \$1.00 each (by parcel post, \$1.15).

**SYMPHORICARPUS—Racemosus** (*Snowberry*). Small red flowers are succeeded by white berries, remaining on the plant through half the winter. \$1.00 each (by parcel post, \$1.15).

—**Vulgaris** (*Red fruited or Indian Currant*). A well known shrub; pink flowers, bright red fruit. \$1.00 each (by parcel post, \$1.15).

**TAMARIX—Africana.** Strong, slender, upright growth, with panicles of feathery pink flowers in May. 3 to 4 feet, \$1.00 each (by parcel post, \$1.15).

—**Hispida Aestivalis.** A distinct variety, bearing delicate sprays of soft pink flowers in July and August, very light and feathery. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**VIBURNUM OPULUS** (*High Bush Cranberry*). One of the most popular shrubs; clusters of white flowers in June, followed by scarlet berries in Autumn. Strong plants, 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

—**Opulus Sterilis** (*Snowball or Guelder Rose*). This is the popular white Snowball, filled with large globes of white flowers in May. Strong plants, 2 feet, \$1.00 each (by parcel post, \$1.15).

—**Plicatum** (*Japanese Snowball*). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy; blooms in June. Extra fine plants, 2 feet, \$1.00 each (by parcel post, \$1.15).

—**Tomentosum.** Distinct from all other varieties in foliage and flower; the latter are more flat than those of other varieties and followed by decorative red fruits, changing to black. Strong plants, 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**VITEX AGNUS CASTUS** (*Chaste Tree*). A shrub or small tree; dense spikes of pale lilac flower from July to September. Strong plants, 2 feet, \$1.00 each (by parcel post, \$1.15).

**WEIGELIA—Candida.** Flowers abundantly in June and July; also during the autumn months. The tube-shaped flowers are pure white. Plants, 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

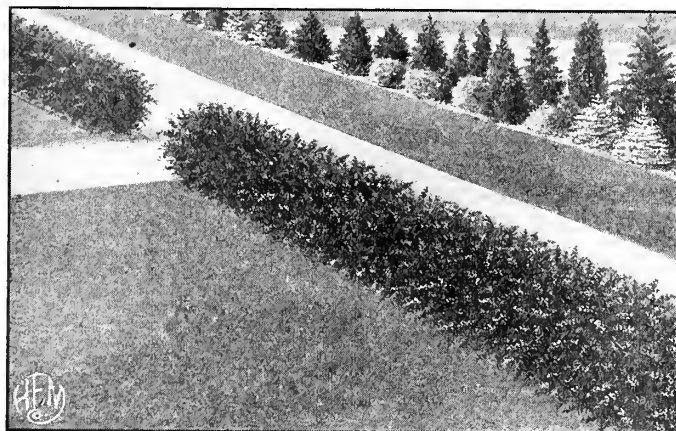
—**Eva Rathke.** Of erect form; deep carmine-red flowers; 18 to 24 inches, \$1.00 each (by parcel post, \$1.15).

—**Rosea.** Remarkably showy flower; spreading branches and dark green leaves. \$1.00 each (by parcel post, \$1.15).

—**Rosea nana variegata.** Silvery variegated leaves and pale pink flowers. 2 to 3 feet, \$1.00 each (by parcel post, \$1.15).

**White Fringe.** See Chionanthus.

## MICHELL'S CHOICE THRIFTY HEDGE PLANTS



*Berberis Thunbergii*

### BERBERIS THUNBERGII (Japanese Barberry)

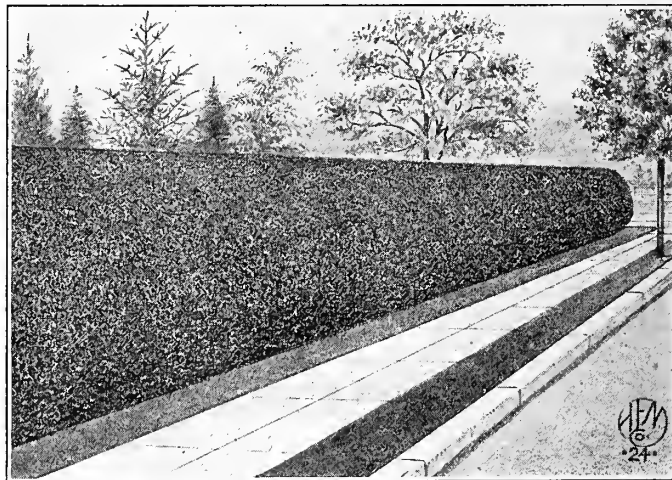
A good hardy plant of low dense growth. It is a brilliant light green from early spring to winter, it should be regarded as a shrub as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100	Height	Each	Doz.	100
9-12 in.	\$0.25	\$2.50	\$15.00	18-24 in.	\$0.50	\$5.00	\$35.00
12-18 in.	.35	3.50	22.50	24-30 in.	.75	7.50	50.00

### BOXWOOD, Dwarf, for Edging

We have a quantity of dwarf edging, nice bushy stock, for edging beds and paths. Boxwood grows into value and adds charm to the garden that no other plant can do.

	Diameter	Each	Doz.	100
6 inches high	4"-5"	\$0.50	\$5.00	\$37.50
8 inches high	4"-5"	.60	6.00	45.00
10 inches high	5"-6"	.75	7.50	60.00
12 inches high	5"-6"	1.25	14.00	



*California Privet*

### CALIFORNIA PRIVET

Unlike a fence, which needs painting, repainting, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	Doz.	100	1000
1-yr. old, 18 to 24 inches	\$1.25	\$6.00	\$50.00
2-yr. old, 24 to 30 inches	1.50	8.00	70.00
2-yr. old, 30 to 36 inches	2.00	10.00	90.00

### GOLDEN OR VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. **Bushy Plants**, 75c. each; doz., \$7.50.





Evergreens offer a wide variety and brilliant diversity of color, every shade of green and blue foliage; then there are the rich, golden tints, the soft silvery grays and those varieties with the dainty white-tipped leaves.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter belts, screens and hedges. The taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growth of smaller evergreens.

This list includes the varieties mostly in demand.  
We can furnish all other sorts.

See Page 42 for Special Notice on Guarantee.

**ABIES—Douglasi** (*Douglas Spruce*). Grows rapidly, making a beautiful specimen evergreen and forming a dense pyramid. The color of the foliage varies from soft dark green to blue, presenting a delightfully pleasing effect. 2 to 3 feet, \$5.00 each; 3 to 4 feet, \$7.50 each.

**ARBORVITAE.** See *Thuja*.

**BIOTA—Orientalis** (*Chinese Arborvitae*). Grows tall and slender with dark green foliage. Useful in border planting, also for formal gardens; rapid grower. 2 to 3 feet, \$3.00 each; 3 to 4 feet, \$5.00 each.

**CYPRESS.** See *Retinospora*.

**JUNIPERUS** (*Juniper*). These possess remarkable vigor and thrive in bleak situations, in poor, stony soils and barren lands, in low and damp places at the seashore, in fact, most anywhere.

—**Excelsa Stricta** (*Greek Juniper*). Close growing, pyramidal form, with gray green foliage. Excellent in the formal garden. 12 to 15 inch, \$2.75; 15 to 18 inch, \$3.50 each.

—**Hibernica** (*Irish Juniper*). Very useful in formal planting, screenings for small yards and cemeteries. 1½ to 2 feet, \$2.25; 2 to 3 feet, \$3.00 each.

—**Pfitzeriana**. A beautiful new form, with graceful dark green foliage. One of the most attractive of evergreens. 1½ to 2 feet, \$4.00; 2 to 3 feet, \$5.00 each.

**PICEA** (*Spruce*). Probably better known and more largely planted than any of the other evergreens; they are hardy, tall and rapid growers; reliable in almost any locality, living for many years. Suitable for planting as specimens, while some varieties are used for hedges and windbreaks.

—**Excelsa** (*Norway Spruce*). Rapid grower; does well in most soils. It is highly valued for shelters, windbreaks or hedges. 2 to 3 feet, \$3.00; 3 to 4 feet, \$5.00 each.

**PINUS** (*Pine*). These will endure a wide range of climatic conditions, being native in the lowlands or the mountains, and will withstand cold, bleak winds. Useful on lawns and on public grounds. They are in variety so that a suitable sort may be selected for almost any purpose.

—**Densiflora** (*Japanese Red Pine*). Spreading branches, forming an irregular, rather broad head; foliage bright bluish green. 2 to 2½ feet, \$3.50 each; 3 to 4 feet, \$6.00 each.

—**Mughus** (*Mugho Pine*). A low growing, broad spreading tree, in fact it is more of a large pine bush than a tree, and is very ornamental. 12 to 15 inches, \$3.00 each.

—**Sylvestris** (*Scotch Pine*). Of rapid growth, with strong branches and short stiff bluish green foliage. Develops into a tall, round headed tree. 2 to 2½ feet, \$2.50 each; 2½ to 3 feet, \$3.50 each.

**RETINOSPORA** (*Cypress*). The many varieties vary considerably in their general appearance and nature of growth; all of them can be clipped occasionally to keep them within growing boundary. The shades of colors are numerous, so that an assortment of them makes a handsome effect.

—**Filifera** (*Thread Branched Retinospora*). Broad and bushy, with pendulous, dark green foliage of a thread-like nature. 1½ to 2 feet, \$3.50; 2 to 2½ feet, \$6.00 each.

—**Plumosa** (*Plume-like Cypress*). A splendid bushy variety with pyramidal outline, slender, graceful branches and light green leaves. 1½ to 2 feet, \$3.75; 2 to 2½ feet, \$4.50 each.

—**Plumosa aurea**. The most popular and generally useful of all the golden evergreens. Especially ornamental, the soft, plume-like golden foliage being particularly bright in spring. 18 to 24 inches, \$3.50; 2 to 2½ feet, \$5.00 each.

—**Squarrosa Veitchi** (*Moss Cypress*). Light bluish green foliage, which is spreading and prickly; very dense growth, giving the bush a distinct spongy appearance. A great favorite with all who know it. 18 to 24 inches, \$3.00 each.

**SPRUCE.** See *Picea*.

**TAXUS** (*Yew*). These are a small growing evergreen, highly ornamental; effective in groups or bed plantings.

—**Cuspidata** (*Japanese Yew*). One of the hardiest of Yews. Upright, rather open growth, with rich green foliage; can be kept uniform and symmetrical by occasional shearing. 12 to 18 inch, \$3.50; 18 to 24 inch, \$5.00.

—**Cuspidata brevifolia**. The branches are spreading and the general aspect is less dense than the common Yew. Perfectly hardy. 10 to 12 inches, \$2.00; 12 to 15 inches, \$3.00 each.

**THUJA** (*Arborvitae*). These are chiefly of upright habit, not growing overly tall; exceedingly hardy; of a brilliant green all through the bleakest winter; splendid for back-grounds, windbreaks or garden fences.

—**Aurea** (*Golden Arborvitae*). Golden foliage retained well throughout the year. Attractive as a specimen, or to produce color contrasts in groups or beds. 19 to 24 inches, \$3.00; 2 to 2½ feet, \$4.00 each.

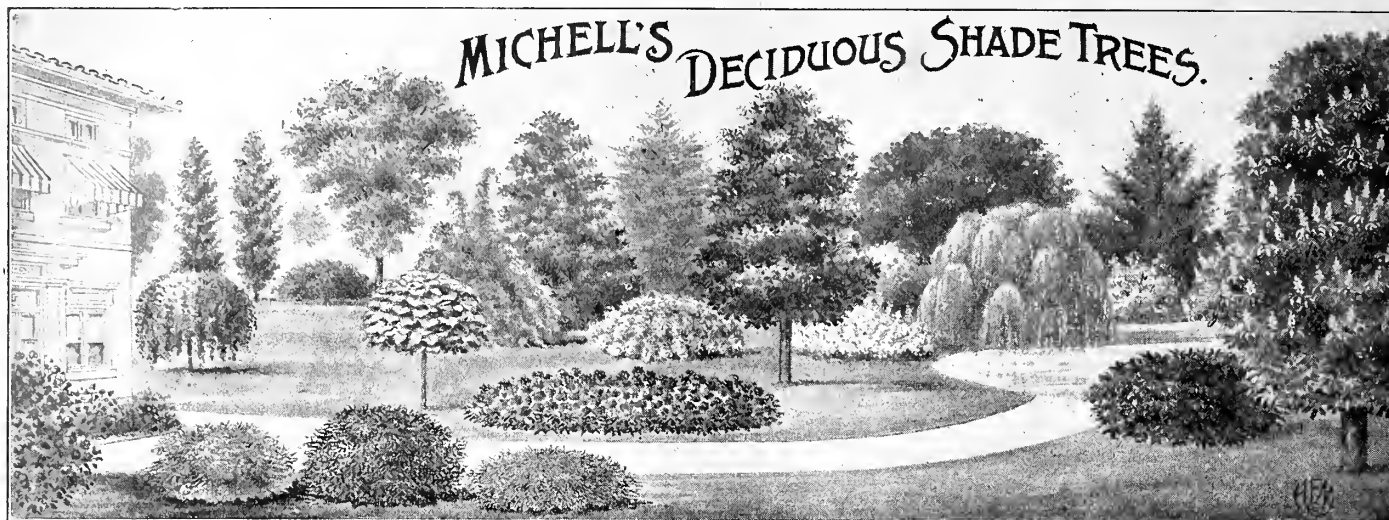
—**Globosa** (*Globe Arborvitae*). Light green foliage of a grayish cast. The neat globular outline adapts this Arborvitae for formal plantings, tub and window box use, as well as in the foreground of Evergreen groups. 12 to 15 inches, \$2.00; 15 to 18 inches, \$3.00 each.

—**Occidentalis** (*American Arborvitae*). A well-known, popular evergreen for ornamental hedges; rapid growth. 2 to 3 feet, \$2.25; 3 to 4 feet, \$4.50 each.

—**Occidentalis pyramidalis** (*Pyramidal Arborvitae*). The most narrow, columnar-like evergreen; medium growth; very distinct light green, compact foliage. 2 to 3 feet, \$3.00; 3 to 4 feet, \$5.00 each.

**TSUGA—Canadensis** (*Common Hemlock*). Magnificent native trees, very ornamental and when planted as individual specimens in full sunlight their lower branches sweep the ground. 2 to 3 feet, \$5.00 each; 3 to 4 feet, \$7.50 each.

**YEW.** See *Taxus*.



This list includes the varieties mostly in demand.  
We can furnish all other sorts.

**Acer, Dasycarpum (Silver Maple).** Planted extensively on account of its rapid growth; the leaves are deeply cut with a silvery undersurface. This tree is also commonly called the "Soft Maple." 8 to 10 feet, \$2.50; 10 to 12 feet, \$3.00 each.

— **Wieri (Wier Cutleaf Maple).** A beautiful variety with delicately cut leaves and graceful drooping branches. Vigorous grower and one of the finest ornamental trees. 8 to 10 feet, \$3.00; 10 to 12 feet, \$4.00 each.

— **Platanoides (Norway Maple).** One of the finest park, street or lawn shade trees in America; of rounded form, compact habit and stout, vigorous growth. 8 to 10 feet, \$4.50; 10 to 12 feet, \$6.00; 12 to 14 feet, \$8.50 each.

— **Schwedleri (Purple Leaf Maple).** A valuable variety; the young shoots and leaves are a bright purple, changing to purplish green as they age. 8 to 10 feet, \$5.00 each.

**Ash.** See Fraxinus.

**Betula, Alba Laciniata (Cut-Leaf Weeping Birch).** Probably the most graceful of weeping trees; leaves deeply cut; silver white bark. 3 to 4 feet, \$2.50 each; 4 to 6 feet, \$3.50 each.

**Birch.** See Betula.

**Catalpa, Bungei (Umbrella Tree).** For the lawn the Catalpa Bungei is very effective. Has a dense, perfect half-globular or umbrella-shaped head, high on a straight upright stem. On terraces when used in connection with the California Privet hedge the effect is most pleasing.

5 to 6 feet stems, 1 year heads..... \$2.50 each

5 to 6 feet stems, 2 year heads..... 3.00 each

5 to 6 feet stems, 3 year heads..... 4.00 each

**Crab.** See Malus.

**Elm.** See Ulmus.

**Fraxinus, Americana (White Ash).** A rapid growing native tree developing into a broad spreading specimen, but not giving a dense shade. Foliage dark green above and light silver beneath. 8 to 10 feet, \$2.25; 10 to 12 feet, \$3.00 each.

**Ginkgo Biloba.** Syn. *Salisburia*. **Adiantifolia (Maidenhair Tree).** A remarkable tree of spreading habit when developed; deep green, thick leaves similar in shape to those of the Maidenhair Fern. Adapted to street and avenue planting as well as for specimens; rapid grower and very hardy. 8 to 10 feet, \$3.00; 10 to 12 feet, \$4.00 each.

**Larch.** See Larix.

**Larix, Decidua (Europea) (European Larch).** Rapid growing pyramidal tree; slender branches with light green foliage. Small cones about one inch long add to its beauty during the Winter. 2 to 3 feet, \$1.50 each.

**Linden.** See Tilia.

**Liriodendron, Tulipifera (Tulip Tree).** A rapid grower and one of the tallest of our native trees. The leaves are of an unusual shape and it bears attractive, tulip-like flowers in June. 6 to 8 feet, \$2.00; 8 to 10 feet, \$3.00 each.

**Malus (Flowering Crab).** See page 39.

**Maple.** See Acer.

**Morus, Alba Pendula (Tea's Weeping Mulberry).** Forms a perfect umbrella-shaped head, with slender, willowy branches drooping to the ground. 1 year heads, \$3.00; 2 year heads \$5.00 each.

**Mulberry.** See Morus.

#### SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees and shrubs to live we will assume such guarantee at an advance of 25 per cent, over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

**Oak.** See Quercus.

**Plane.** See Platanus.

**Platanus, Orientalis (Oriental Plane).** A favorite for avenue and seashore planting; of large spreading habit and rapid growth; not affected by insects; leaves large, smooth and handsome, affording abundant shade. 8 to 10 feet, \$2.50; 10 to 12 feet, \$4.00; 12 to 14 feet, \$6.50 each.

**Poplar.** See Populus.

**Populus, Deltoides (Monilifera) (Carolina Poplar).** Distinct in habit of growth, forming a pyramidal head; large lustrous leaves; a rapid grower. 8 to 10 feet, \$1.50 each.

**Populus, Nigra Italica (Fastigiata) (Lombardy Poplar).** Its tall erect habit of growth makes it indispensable in landscaping, for breaking monotony of outline; also very valuable for screening. 8 to 10 feet, \$2.00; 10 to 12 feet, \$2.50 each.

**Quercus, Palustris (Pin Oak).** A very popular Oak for street and lawn planting on account of its rapid and graceful habit of growth. Pleasing, bright green glossy foliage turning deep red in the Autumn. 8 to 10 feet, \$5.00; 10 to 12 feet, \$7.50 each.

**Quercus, Rubra (Red Oak).** The most rapid grower of all the Oaks, quickly developing into a stately tree with a broad, round head; the Autumn foliage is unsurpassed for brilliancy. A beautiful tree for lawn or avenue planting. 8 to 10 feet, \$5.00; 10 to 12 feet, \$7.50 each.

**Salix, Babylonica (Babylon Weeping Willow).** This is the well known Weeping Willow whose long pendulous branches droop so gracefully and sway to the slightest breeze, especially near water. 6 to 8 feet, \$2.00; 8 to 10 feet, \$2.50 each.

**Salix, Caprea (Pussy Willow).** A quick growing shrub-like tree. The fur-like catkins along the branches in early Spring are much admired. 3 to 4 feet, 75c.; 4 to 6 feet, \$1.00 each.

**Salix, Elegantissima (Thurlo's Weeping Willow).** One of the most handsome of the Weeping Willows. Long spreading branches, beautifully drooping with yellow bark spotted brown. 6 to 8 feet, \$1.50; 8 to 10 feet, \$2.00 each.

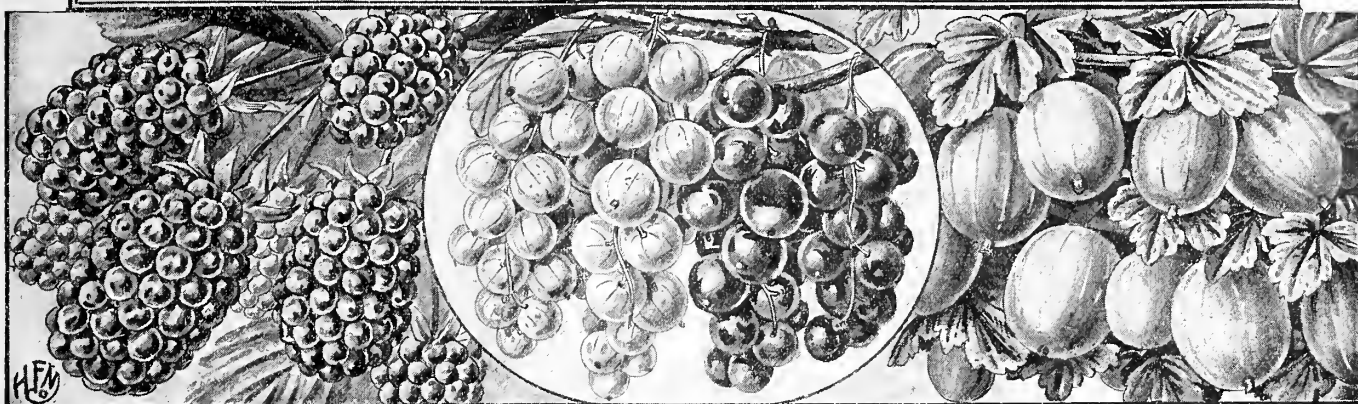
**Tilia, Americana (American Linden) (Basswood).** A rapid growing native that develops into a large, broad open headed tree. The leaves are large shining dark green turning to golden yellow in the Autumn, and small very fragrant flowers in June. 8 to 10 feet, \$4.00; 10 to 12 feet, \$5.00 each.

**Tilia, Vulgaris (Common Linden).** One of the best for general planting; grows very symmetrical and makes a good general purpose tree. 8 to 10 feet, \$4.00; 10 to 12 feet, \$5.00 each.

**Ulmus, Americana (American Elm).** One of the most beautiful of our native trees; tall and stately with spreading branches. 8 to 10 feet, \$3.00; 10 to 12 feet, \$6.00 each.

**Umbrella Tree.** See Catalpa.

**Willow.** See Salix.



Blackberry "Eldorado"

Currants

Gooseberries

Every garden should have some space reserved for small fruits. None bought in the market can compare with those picked fresh by yourself when you want them. Any surplus that cannot be consumed may be put up for winter use.

**PLEASE NOTE.**—The following states forbid the shipment of Gooseberries and Currants within their boundary, owing to their quarantines against the White Pine Blister Rust. We are therefore unable to accept orders for these plants for shipment into these states: California, Colorado, Delaware, Georgia, Idaho, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, Nebraska, Nevada, New Hampshire, North Carolina, Oregon, South Carolina, South Dakota, Tennessee, Utah, Washington, West Virginia and Wisconsin.

## BLACKBERRIES (Extra Strong Plants)

Blackberries thrive most anywhere. The plants are subject at times to attacks of rust, particularly during prolonged wet spells in summer. A spraying, especially underneath the foliage, with copper solution, usually arrests this. However, if the disease spreads too much, it is best to dig up the bushes, burn them and plant new ones in another part of the garden. If they are sprayed before being affected it is the best plan.

**Eldorado.** A very vigorous grower, free from mildew or rust; enormously productive; fruit large, excellent quality and without core.

**Mersereau.** Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black, and retain their color under all conditions; very sweet and without core. Unsurpassed as a shipper and keeper.

**Ward.** An extra strong grower; produces an enormous crop of extra large, glossy black berries, which are rich, sweet and tender and with no hard core.

**Price of Blackberries,** 6 for 75c. (by parcel post, 85c.); \$1.00 per doz. (by parcel post, \$1.25); per 100, \$7.00.

## CURRENTS (Extra Strong Plants)

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

**Red Dutch.** An old and well-known standard variety; clusters average about three inches long; berries medium in size, dark red.

**Price,** strong 2-year old, 3 for \$1.00 (by parcel post, \$1.15); per doz., \$3.50 (by parcel post, \$3.85); \$22.00 per 100.

## GOOSEBERRIES (Extra Strong Plants)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

**Downing.** Medium to large; whitish green; flesh soft and juicy.

**Red Jacket.** Berries medium; color, pale red, tender and good.

A wonderful cropper, with clean, healthy foliage.

**Price,** 3 for \$1.00 (by parcel post, \$1.15); doz., \$3.00 (by parcel post, \$3.25); \$20.00 per 100.

## SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply "small fruit" bushes of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or grower. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

## GRAPE VINES

A few of these plants in the garden, after several years will yield abundant crops, and they last for years with little attention except pruning and spraying.

**Caco.** The most delicious of all Grapes and perfectly hardy; it has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. This is a very fine variety and is easily worth the slight advance in price over the older varieties. \$1.00 each (by parcel post, \$1.10); doz., \$10.00 (by parcel post, \$10.50).

**Campbell's Early.** A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich and delicious.

**Catawba.** Delicious flavor; medium size, red berry.

**Champagne.** A sterling variety of great merit. Color a coppery red. Berries very large. Immense producer. Seasons in which other varieties did not fruit, this variety stood out bearing an immense crop. Very strong grower, fifteen to twenty feet or more a season being common. Has never been known to winter kill. \$1.00 each (by parcel post, \$1.10); doz., \$10.00 (by parcel post, \$10.50).

**Concord.** The well-known standard purple variety; succeeds wherever grapes will grow.

**Ives.** One of the most prolific bearers; medium size; color, purplish black.

**Moore's Diamond.** A strong healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

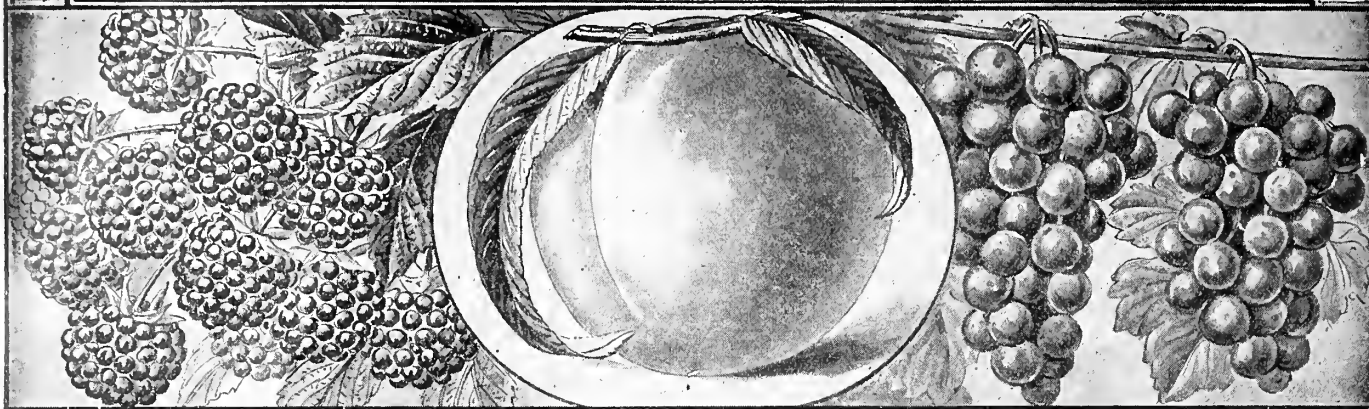
**Niagara.** An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

**Prices,** any of the above, excepting Caco and Champagne, 2-year old vines, 60c. each (by parcel post, 70c.); 3 for \$1.50 (by parcel post, \$1.70); doz., \$5.00 (by parcel post, \$5.50).

**Please Note.**—We have reduced the variety of Grape Vines offered, retaining the best in varieties which cover the different colors.

**Shipping Seasons** for small fruits are from October till freezing weather and from March 25th to May 15th.





### RASPBERRIES (Extra Strong Plants)

Raspberries should be carefully staked, to get large crops. We also recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

**Cumberland (Blackcap).** The largest raspberry known. Selected specimens measure an inch in diameter; immensely productive.

**Cuthbert.** Berries very large, measuring 3 inches around; conical, rich crimson; one of the old-time favorites.

**King.** In this extra early variety are united earliness, bright color, firmness and excellent quality of its berries with vigorous growth, productiveness and hardiness of cane. Its crimson berries are exceedingly bright in color and firm to endure long shipment.

**Ranere Everbearing.** The most popular Raspberry in cultivation, bearing continually from July until well into November. Its main crop is produced in the earlier period, but substantial quantities may be harvested almost every day until sharp frosts appear. The fruit is of good size and of excellent flavor, in fact there is no good quality any of the regular varieties of raspberries possess that is lacking in Ranere; a few dozen bushes will supply the average family with sufficient for table use and a surplus for canning, the color is a brilliant red.

**Welch.** So sweet and rich in flavor, this was at one time offered as "Honey Raspberry." A mid-season variety with berries of extra large size, good, bright crimson color and honey sweetness, melting and luscious. It is not firm enough to ship well a long distance. The canes are vigorous, hardy and productive. Superb for the home garden.

Price, any of the above, strong plants, 6 for 75c. (by parcel post, 85c.); \$1.00 per doz. (by parcel post, \$1.25); per 100, \$7.00.

### STRAWBERRY PLANTS (Pot Grown)

#### Early Varieties

**Campbell's Early, Early Jersey Giant, Premier, Senator Dunlap.**

#### Mid-Season Varieties

**Big Joe, Brandywine, Marshall, William Belt.**

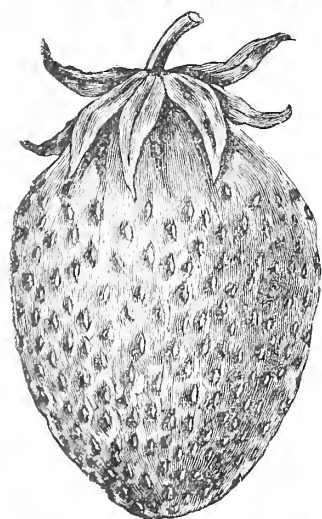
#### Late Varieties

**Chesapeake, Gandy's Prize, Sharpless, Stevens Late Champion.**

Price of above, \$1.25 per doz.; per 100, \$7.00; \$60.00 per 1000.

#### Fall Fruiting Varieties

**Progressive.** Price, \$1.35 per doz.; per 100, \$8.00; \$70.00 per 1000.



### LAYER PLANTS

Price of the above in Layer Plants, 75c. per doz. (by parcel post, 85c.); 25 for \$1.00 (by parcel post, \$1.15); \$1.50 for 50 (by parcel post, \$1.65); 100 for \$2.00 (by parcel post, \$2.25); \$17.50 for 1000. We can supply most all other popular varieties though not offered here.

### CHOICE FRUIT TREES

(Extra Strong Stock)

These can be shipped by express only.

#### APPLES

**Baldwin.** Large round, deep red, late variety.

**Ben Davis.** A late keeper; handsome striped fruit.

**Fall Pippin.** Large yellow, rich and delicious.

**Grimes' Golden.** Deep golden yellow; fine for Christmas.

**Hyslop (Crab).** Deep crimson with blase bloom.

**Red Astrachan.** Tart, juicy, flesh tinged with red; very early.

**Stayman's Winesap.** Good keeper; deep red on yellow ground.

**Transcendent (Crab).** Yellow, striped red; good yielder.

Price of Apple Trees: 6 to 8 feet high, \$1.50 each; 6 for \$8.00; \$12.00 per dozen.

#### APRICOTS

**Alexander.** Orange yellow with faint blush; firm, coarse flesh.

Price of Apricot Trees: \$2.00 each; 6 for \$9.00; \$15.00 doz.

#### CHERRIES

**Black Tartarian (Sweet).** Large, purplish black; immense bearer.

**Early Richmond (Sour).** Dark red; medium size; splendid flavor.

**Large Montmorency (Sour).** Light red; very productive.

**Schmidt's Bigarreau (Sweet).** A good late variety. Fruit large; flesh dark red, very firm, sweet, rich and of good quality.

**Napoleon (Royal Ann).** The best and most profitable yellow sweet cherry. Flesh very firm, juicy and delicious.

Price of Cherry Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

#### PEACHES

**Belle of Georgia.** Free-stone; rich creamy white, red cheek.

**Carman.** Early; pale yellow, red blush; very fine.

**Champion.** August. A magnificent white peach; extremely rich and juicy; very popular. Free-stone.

**Crawford's Late.** Greenish yellow with dull red cheek; late.

**Elberta.** Medium; very large; yellow with red cheek.

**Fox Seedling.** Late September. Skin and flesh white. Free-stone. Fruit large and of high quality.

Price of Peach Trees: 5 to 6 feet, \$1.00 each; 6 for \$5.00; \$9.00 per dozen.

#### PEARS

**Bartlett.** Yellow, shaded blush; very sweet and juicy; early.

**Kieffer.** A fine variety for late autumn, and for canning.

**Seckel.** Small, yellowish brown; very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

#### PLUMS

**Abundance.** Amber, turning to a rich, bright cherry color.

**Burbank.** Orange yellow, overlaid red; rich and sugary.

**Imperial Green Gage.** Middle of August. A delicious, good-sized free-stone, sweet and juicy. Greenish in color.

Price of Plum Trees: 5 to 6 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

#### QUINCES

**Champion.** Very prolific bearer; large fruit.

**Orange.** Round; golden yellow; fine for preserving.

Price of Quince Trees: 4 to 5 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

NOTE.—We can also supply all other varieties of Fruit Trees.

Shipping Seasons for small fruits are from October till freezing weather and from March 25th to May 15th.



# MICHELL'S SEASONABLE VEGETABLE SEEDS, ETC. 45

A complete offering will be found in our General Catalog that was issued in January; copy may be had on request.

## WE PAY POSTAGE AND PACKING CHARGES

(Except as noted)

on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds are **not included**), or such other seeds where mention is made in catalog. If these seeds are wanted by Parcel Post please remit for postage the amount named in connection with the item.

## ASPARAGUS ROOTS

(Ready after October 15th)

4,000 to 6,000 roots are required for an acre.

Asparagus roots are planted quite extensively during the autumn and invariably give good results.

If Asparagus Roots are wanted by Parcel Post, add 20c. per 25; 25c. per 100 for postage.

	2-year-Old Roots		
	Per 25	100	1000
Barr's Mammoth.....	\$0.50	\$1.25	\$10.00
Conover's Colossal.....	.50	1.25	10.00
Giant Argenteuil.....	.50	1.25	10.00
Palmetto or Eclipse.....	.50	1.25	10.00
Washington (New).....	.65	2.00	16.00

## BEANS FOR FORCING

**Masterpiece.** A long, flat podded variety, especially adapted for growing under glass; quick grower; very tender. Pkt., 10c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.20 (by P. P., \$1.35); \$2.25 per 5 lbs. (by P. P., \$2.45); 10 lbs., \$4.25 (by P. P., \$4.55).

**Triumph of the Frames.** Splendid for forcing under glass, producing a narrow, tender pod of considerable length. Per pkt., 10c.; 65c. per lb. (by P. P., 75c.); 2 lbs., \$1.20 (by P. P., \$1.35); \$2.25 per 5 lbs. (by P. P., \$2.45); 10 lbs., \$4.25 (by P. P., \$4.55).

## BEEF—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip).....	\$0.10	\$0.20	\$0.50	\$1.50
Bassano Extra Early (Turnip).....	.10	.20	.50	1.50
Bastian's Extra Early (Turnip).....	.10	.20	.60	1.50
Bastian's Half Long Blood.....	.10	.20	.60	1.75
Crimson Globe.....	.10	.20	.60	1.50
Crosby's Egyptian (Turnip).....	.10	.20	.65	2.00
Detroit Dark Red (Turnip).....	.10	.20	.60	1.75
Detroit Dark Red (Michell's Special Strain).....	.10	.25	.75	2.50
Early Wonder.....	.10	.30	1.00	3.00
Eclipse Extra Early (Round).....	.10	.20	.60	1.75
Lentz Early.....	.10	.20	.50	1.50
Michell's Ideal.....	.10	.25	.75	2.50
Michell's Winter Keeper.....	.10	.25	.75	2.50

## FORCING CARROTS

**Early Half Long Scarlet.** A very desirable stump-rooted variety of fine flavor and good color. Pkt., 10c.; 25c. per oz.; 70c. per ¼ lb.; per lb., \$2.00.

**Guerande or Oxheart.** An early forcing variety; small roots, not over 3 to 4 inches long. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.; \$2.00 per lb.

**Rubicon Half Long.** Excellent shape and well adapted for early forcing. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.; \$2.00 per lb.

**Very Early Short Horn Scarlet or French Forcing.** An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c.; 25c. per oz.; ¼ lb., 70c.; \$2.00 per lb.

## CAULIFLOWER (Varieties Suitable for Forcing)

**Michell's Earliest Snowstorm.** Colossal pure white heads, averaging often 10 inches in diameter. Pkt., 25c.; 50c. per large pkt.; ¼ oz., \$1.00; \$1.85 per ½ oz.; oz., \$3.50.

**Michell's Special Strain Selected Erfurt.** One of the earliest in cultivation; small leaved; splendid forcer. Pkt., 25c.; 50c. per large packet; ¼ oz., \$1.00; \$1.75 per ½ oz.; oz., \$3.25.

**Early Snowball.** A splendid early variety. Pkt., 25c.; 50c. per large pkt.; ¼ oz., \$1.00; \$1.75 per ½ oz.; per oz., \$3.25.

## CORN SALAD (Fetticus)



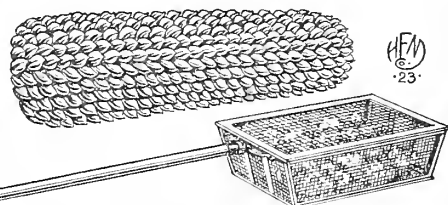
Principally sown for a supply of greens during winter and early spring. Sow in September broadcast; when cold weather approaches, cover with leaves or long manure or straw; upon approach of spring the covering can be taken off. It can also be gathered on mild days during winter.

**Large Leaved, Round Seeded.** Pkt., 10c.; 20c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

## POP CORN (Shelled)

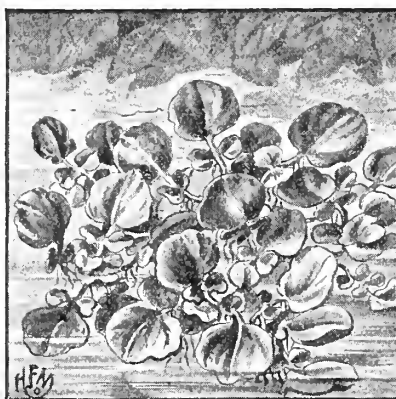
Our pop corn will be found in excellent condition for popping.

**Golden Queen and White Rice.** 15c. per lb. (by P. P., 25c.); 3 lbs., 40c. (by P. P., 55c.).



## Corn Poppers

1 qt. size, 25c. each (P. P., 35c.); 2 qt. size, 35c. each (by P. P., 45c.).



Water Cress

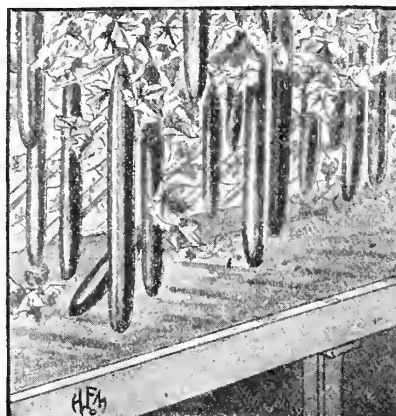
## WATER CRESS

This may be grown on a greenhouse bench just as successfully as along a stream of water, and a continuous crop may thus be assured regardless of weather conditions. Nothing can compare for flavor with the delicious tenderness of young Water Cress.

**True Erfurt.** Pkt., 10c.; 20c. per ½ oz.; oz., 35c.; \$1.25 per ¼ lb.

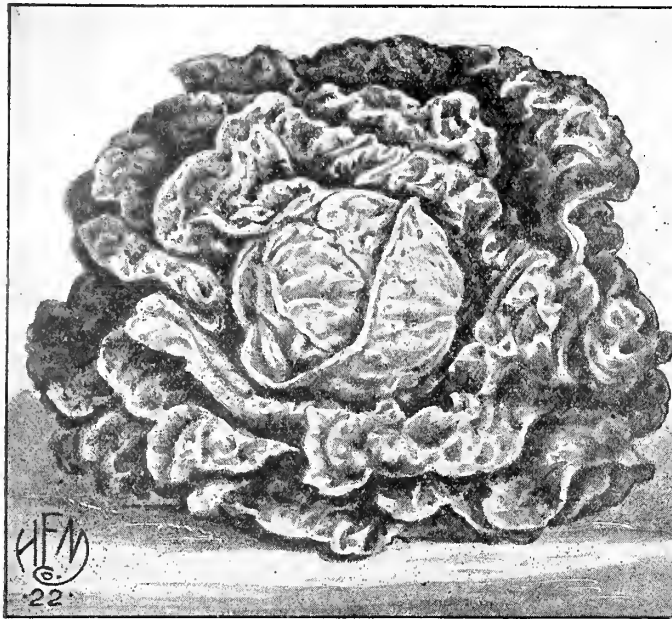
## ENGLISH CUCUMBERS

These are especially adapted for growing under glass in greenhouses, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.



English Greenhouse Cucumbers

**Lockie's Perfection, Sion House, Telegraph, Tender and True.** Per packet of 12 seeds of either of the 4 sorts above, 25c.; 100 seeds, \$1.75.



Lettuce, Boston Market

**LETTUCE (Heading Varieties)**

	Pkt.	Oz.	¼ lb.	Lb.
All Heart	\$0.10	\$0.40	\$1.25	\$4.00
All Right (Michell's)	.10	.40	1.25	4.00
Big Boston	.10	.40	1.25	4.00
Boston Market	.10	.40	1.25	4.00
Davey's Improved Big Boston	.10	.50	1.50	5.00
Dutch Butter (Private Stock)	.10	.40	1.00	3.00
Hanson Improved	.10	.40	1.00	3.50
Iceberg	.10	.45	1.25	3.50
Kingsholm Cos or Romaine	.10	.40	1.00	3.00
May King	.10	.40	1.25	4.00
Michell's Number One	.10	.40	1.00	3.50
New York or Wonderful	.10	.40	1.35	5.00
Prize Head	.10	.40	1.00	3.00
Salamander (Mammoth)	.10	.45	1.25	3.50
Unrivalled	.10	.45	1.25	4.00
Way-a-head	.10	.40	1.00	3.00

**LETTUCE (Loose Leaf Varieties)**

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson	\$0.10	\$0.40	\$1.25	\$4.00
Early Curled Simpson	.10	.40	1.00	3.00
Grand Rapids	.10	.45	1.25	3.50
Silesian	.10	.40	1.00	3.00

**FORCING MELONS (English Varieties)**

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

**Blenheim Orange.** A handsome, scarlet fleshed variety of delicious flavor and beautifully netted. Pkt., 30c.

**Invincible Scarlet.** Form globular; skin orange red when perfectly ripe; finely and evenly netted; thick, bright scarlet flesh of exquisite flavor. Pkt., 30c.

**Sutton's A 1.** Fruits large, globular and densely netted. Flesh thick, of a rich scarlet color and of a delicious flavor. Original pkt., \$1.25.

**Windsor Castle.** A green fleshed variety of excellent quality. Oval in form, large size and handsomely netted on a dark green ground; flesh thick and of a pale green color. Pkt., 30c.

**MELON NETS.** For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.50 per doz.; per 100, \$18.00.

**MUSTARD**

	Pkt.	Oz.	¼ lb.	Lb.
Southern Giant Curled	\$0.10	\$0.20	\$0.50	\$1.25
White or Yellow	.10	.15	.30	1.00



**PURE SPORE CULTURE SPAWN**

The growing of Mushrooms is rapidly increasing, and the demand for them has reached immense proportions. A fine crop of mushrooms can be secured with very little labor or expense, provided a suitable location can be obtained. Cellars, greenhouses and sheds can be used for their culture. We are now offering our customers spawn that is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve lbs., so that every mould, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores. One carton of the spawn equals 5 bricks of ordinary spawn and is sufficient to spawn about 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper, which contains full instructions, not only as to how the spawn should be used, but full particulars about growing mushrooms. Any one can order spawn and with it get the necessary knowledge to make growing entirely successful.

Per carton	\$1.00	25 cartons	\$21.25
12 cartons	10.75	60 cartons	48.00

If wanted by P. P., allow 10c. per carton for postage.

**PURE CULTURE BRICK SPAWN**

A crop is produced with good spawn, and a little care and patience in about 4 to 6 weeks, and continues bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture. One Brick will spawn 8 to 10 sq. ft.

<b>Direct No. 8. Cream White.</b> For use from April to October.	
<b>Direct No. 9. Pure White.</b> For use from October to April.	
Per brick	\$0.35
Per 10 bricks	\$2.75
Per 5 bricks	1.50
Per 25 bricks	6.50
Per 50 bricks	\$12.50

If wanted by P. P., allow for postage at the rate of 10c per brick.



**MUSHROOM OR HOTBED THERMOMETERS**

<b>No. 20450.</b> Iron Point, oxidized finish (by parcel post, \$2.40)	\$2.25
<b>No. 1.</b> Brass Point, Wood Case (by parcel post, \$3.15)	3.00

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

**ONION SETS**

<b>Tree or Top.</b> Should be planted in September for early spring use; they are perfectly hardy. 28 lbs. per bushel. Per qt., 20c. (by P. P., 30c.); 65c. per 4 qts. (by P. P., 80c.); peck, \$1.00; \$3.50 per bushel.	
<b>White.</b> 32 lbs. per bushel	{ Prices will be quoted on application.
<b>Yellow.</b> 32 lbs. per bushel	

## PARSLEY

One ounce will sow a row 100 feet long.

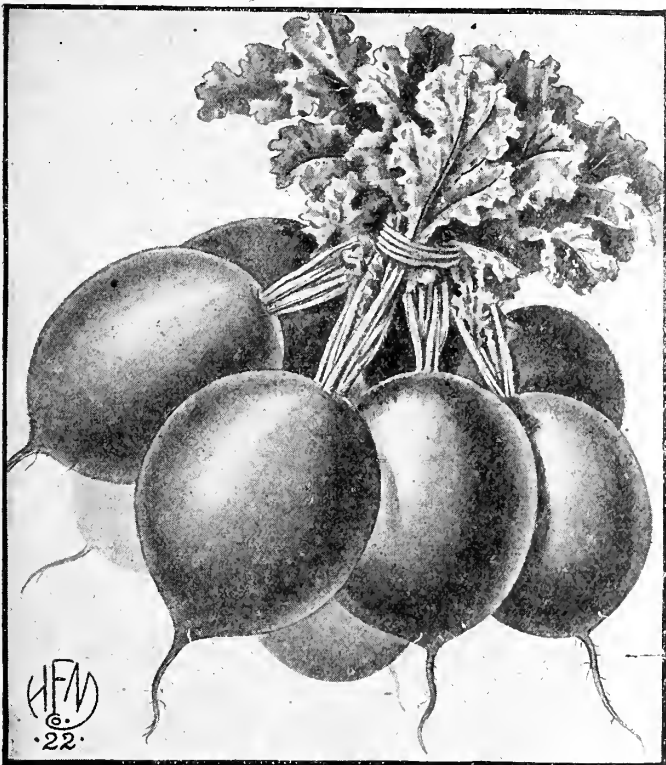
After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter, if given a heavy covering of long manure.

**Champion Moss Curled.** Beautifully crimped and curled. Pkt., 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.25 per lb.

**Double Curled or Covent Garden.** A great improvement over all other varieties; nicely curled leaf. Pkt., 10c.; 20c. per oz.;  $\frac{1}{4}$  lb., 60c.; \$1.50 per lb.

**Hamburg or Rooted.** The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 45c.; \$1.25 per lb.

**Plain or Single.** Leaves not curled. Pkt., 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 35c.; \$1.00 per lb.



Radish, Scarlet Globe (Special Forcing)

## RADISH (Early Varieties)

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Crimson Giant.....	\$0.10	\$0.20	\$0.50	\$1.50
Early French Breakfast.....	.10	.20	.50	1.50
Early Scarlet Globe (Special Forcing).....	.10	.25	.70	2.50
Icicle (Improved Strain).....	.10	.20	.50	1.50
Long Scarlet Short Top.....	.10	.20	.50	1.50
Philadelphia White Box.....	.10	.20	.50	1.50
Round Red Forcing.....	.10	.20	.50	1.50
Scarlet or Cardinal Globe.....	.10	.20	.60	1.50
Scarlet Turnip, White Tipped.....	.10	.20	.50	1.50

## RADISH (Summer and Winter Varieties)

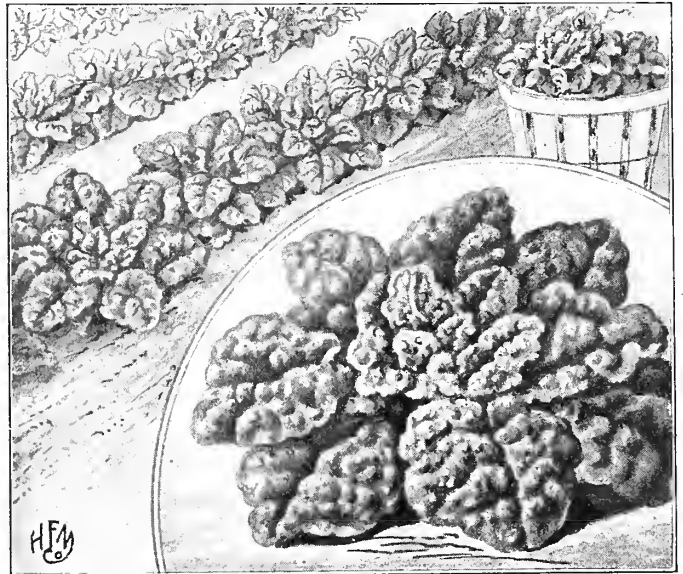
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Celestial or White Chinese.....	\$0.10	\$0.20	\$0.50	\$1.50
China Rose.....	.10	.20	.50	1.50
Half Long Black.....	.10	.20	.50	1.50
White Strasburg.....	.10	.20	.50	1.50

A complete offering of Vegetable Seeds will be found in our General Catalog that was issued in January; copy may be had on request.

## RHUBARB ROOTS (Ready in October)

Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. Where practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

**Victoria, First Size Roots.** 3 for 60c. (by parcel post, 75c.); \$2.00 per doz. (by parcel post, \$2.25); per 100, \$12.00.



Spinach, Bloomsdale (Improved Strain)

## SPINACH

**Bloomsdale Round Seeded Savoy (Improved Strain).** A hardy variety; curled and crimped, thick fleshy leaves; the best for early spring and fall sowing. Per oz., 10c.; 20c. per  $\frac{1}{4}$  lb.; lb., 50c.; \$2.25 for 5 lbs.

**King of Denmark (New).** Large yielder and of excellent quality. Pkt., 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

**Long Season.** Produces large plants and leaves which are strong and robust. The leaves are curled and tender. Per oz., 10c.; 20c. per  $\frac{1}{4}$  lb.; lb., 50c.; \$2.25 for 5 lbs.

**Market Gardner's (New).** Leaves broad, heavy, dark green and glossy; excellent quality. Pkt., 10c.; 15c. per oz.;  $\frac{1}{4}$  lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

## TOMATOES (Forcing Varieties)

**Bonny Best.** Very prolific; medium size; bright red. Pkt., 10c.; 20c. per  $\frac{1}{2}$  oz.; oz., 35c.; \$1.20 per  $\frac{1}{4}$  lb.

**Michell's Cracker Jack.** One of the best for forcing. Fruits are of medium size and of a brilliant, rich scarlet color. Per pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; 40c. per oz.;  $\frac{1}{4}$  lb., \$1.25.

**Comet.** Large clusters of medium size fruit of the brightest red. Pkt., 10c.; 20c. per  $\frac{1}{2}$  oz.; oz., 40c.

**Sutton's Eclipse.** A very smooth fruit, borne singly on plants with little foliage; vermilion red color; original packets, \$1.00.

## TURNIP AND RUTA BAGA

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Cow Horn.....	\$0.10	\$0.15	\$0.30	\$0.85
Early Purple Top, Flat.....	.10	.15	.30	.85
White Globe (Private Stock).....	.10	.15	.25	.90
Snow ball.....	.10	.15	.25	.85
Southern Seven Top.....	.10	.15	.35	1.10
Yellow Aberdeen, Flat.....	.10	.15	.30	.85
Yellow Globe, or Amber.....	.10	.15	.30	.85
Ruta Baga, Yellow Purple Top (Private Stock).....	.10	.15	.25	.90





## MICHELL'S RELIABLE GRASS SEEDS

All Prices subject to  
Market Changes

Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest quality. We make special formulas to suit various soils, climatic and local conditions.

**Quantity to Sow for Lawns.** On a small scale a quart will usually seed a space of 10 x 10 feet though twice that quantity is better; 6 to 8 or 10 bushels of 20 lbs. per bushel on new ground without grass, is the proper quantity per acre; 1 peck is needed for a space of 1000 square feet;  $\frac{1}{2}$  bushel for a space 2000 square feet; 1 bushel for a space 4000 square feet or say 40 x 100 feet. For Putting Greens we advise 100 lbs. of seed for greens 100 x 100 feet. For Fairways, 8 to 10 bushels per acre. For Pasture and Hay Fields, 6 to 8 bushels per acre, based on a 20 pound bushel.

If Mixed Grass Seeds are wanted by parcel post, add for postage as follows: 7c. for 1 pt.; 10c. for 1 qt.; 15c. for 2 qts.; 20c. for 4 qts.; 25c. per peck; 45c. per  $\frac{1}{2}$  bu.; 75c. per bu.

### MIXTURES FOR LAWNS

**Michell's "Top Notch" Lawn Grass Seed.** The top notch of quality. A perfectly blended combination of quick growing, very compact, fine bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. 25c. per pt.; qt., 45c.; 85c. for 2 qts.; 4 qts., \$1.50; \$2.75 per pk.; bu., \$10.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Michell's Green Velvet Lawn Grass Seed.** Produces a perfect turf; composed of close growing, fine leaved hardy grasses. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Michell's Evergreen Lawn Grass Seed.** Composed of the finest native and foreign short growing and fine bladed grasses. 20 lbs. per bushel. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 31c. per lb.

**Michell's Clover Lawn Grass Seed.** A mixture containing a liberal quantity of the best re-cleaned White Clover, which is peculiarly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Splendid for seashore lawns. 30 lb. per bu. 30c. per pt.; qt., 50c.; 90c. for 2 qts.; 4 qts., \$1.75; \$3.25 per pk.; bu., \$12.50; 100 lbs., at 40c. per lb.

**Michell's Seashore Lawn Grass Seed.** Contains such grasses as thrive in salt air regions. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Michell's Shaded Lawn Grass Seed.** Will produce a perfect sward in the most densely shaded places. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Fairmount Park Lawn Seed.** A mixture meeting the requirements of those desiring a moderately priced grass seed. 20 lbs. per bu. Pt., 15c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; pk., \$1.50; \$5.50 per bu.; 100 lbs. at 25c. per lb.

**Special Sod Grass Seed.** Produces a heavy sod in a short time. 20 lbs. per bu. Pt., 15c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; pk., \$1.75; \$6.50 per bu.; 100 lbs. at 31c. per lb.

### MIXTURES FOR LAWNS (Continued)

**Michell's Terrace or Embankment Grass Seed.** This mixture is composed of deep rooting varieties properly blended which will give very satisfactory results. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Southern States Evergreen Lawn Grass Seed.** Made up especially for dry, hot localities; especially suited to the Southern States. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 31c. per lb.

### MIXTURES FOR PLEASURE GROUNDS

**Michell's Fair ways (Golf Course) Mixture.** Composed of short-growing, deep-rooted varieties that resist wear. Fairways to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 30c. per lb.

**Michell's Athletic Field Grass Seed.** A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. 20 lbs. per bu. Per qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per pk.; bu., \$6.50; 100 lbs. at 31c. per lb.

**Michell's Tennis Court Grass Seed Mixture.** Our mixture will be found particularly adapted for the purpose as grass is coming more into favor on tennis courts. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. for 2 qts.; 4 qts., \$1.25; \$2.25 per pk.; bu., \$8.00; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

**Michell's Putting Greens Mixture.** A mixture of quick-growing, short, fine-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 100 lbs. to a green, 100 feet square. 25 lbs. per bu.; 35c. per pt.; qt., 65c.; \$1.25 for 2 qts.; 4 qts., \$2.25; \$4.00 per pk.; bu., \$16.00; 100 lbs. at 57 $\frac{1}{2}$ c. per lb.

**Michell's Teeing Grounds Mixture.** Used on golf course tees or in other places where a tough resisting turf is wanted. 20 lbs. per bu. Pt., 20c.; 35c. per qt.; 2 qts., 65c.; \$1.25 per 4 qts.; pk., \$2.25; \$8.00 per bu.; 100 lbs. at 37 $\frac{1}{2}$ c. per lb.

ALL PRICES SUBJECT TO MARKET CHANGES

(oa)





A Scene on the Famous "Pine Valley" Course

## MICHELL'S RELIABLE GRASS SEED

### MISCELLANEOUS MIXTURES

**Michell's Permanent Pasture Grass Seed.** This mixture is a combination of hardy grasses which are the most nutritious for stock feeding or grazing. Sow 4 to 5 bu. per acre on new land or 2 bu. on established pastures. 20 lbs. per bu. Per pt., 15c.; 25c. per qt. (by P. P., 35c.); 2 qts., 45c. (by P. P., 60c.); 85c. for 4 qts. (by P. P., \$1.05); pk., \$1.50 (by P. P., \$1.75); \$5.50 per bu. (by P. P., \$6.25); 100 lbs. at 25c. per lb.

**Michell's Permanent Hayfield Grass Seed.** Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 4 to 5 bu. per acre on new lands or 2 bu. on established fields. 20 lbs. per bu. Per pt., 15c.; 25c. per qt. (by P. P., 35c.); 2 qts., 45c. (by P. P., 60c.); 85c. for 4 qts. (by P. P., \$1.05); peck, \$1.50 (by P. P., \$1.75); \$5.50 per bu. (by P. P., \$6.25); 100 lbs. at 25c. per lb.

### GRASSES IN SEPARATE VARIETIES

**Bent Grass, Colonial, or Velvet.** Especially valuable for putting greens (20 lbs. per bu.). \$1.00 per lb. (by P. P., \$1.10).

**Bent Grass, South German, Mixed.** For lawns, putting greens, tennis courts, etc. \$1.00 per lb. (by P. P., \$1.10).

**Bermuda Grass.** For sowing as far North as Washington, D. C. (35 lbs. per bu.). 70c. per lb. (by P. P., 80c.).

**Blue Grass, Fancy Kentucky (*Poa Pratensis*).** Sow 5 to 6 bu. per acre on lawns, 4 to 5 bu. on pasture fields (14 lbs. per bu.). 50c. per lb. (by P. P., 60c.).

**Blue Grass, Canadian (*Poa Compressa*).** (14 lbs. per bu.). 40c. per lb. (by P. P., 50c.).

**Creeping Bent** (see South German Mixed Bent).

**Crested Dogtail (*Cynosurus Cristatus*).** Excellent as a pasture and lawn grass. Sow 4 to 5 bu. per acre (21 lbs. per bu.). 40c. per lb. (by P. P., 50c.).

**Fescue, Chewing's New Zealand (*Festuca Chewing's*).** Especially recommended for putting greens and lawns (14 lbs. per bu.). 45c. per lb. (by P. P., 55c.).

**Fescue, Creeping (*Festuca Rubra*).** For sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.). 45c. per lb. (by P. P., 55c.).

**Fescue, Fine Leaved (*Festuca Tenuifolia*).** This grass is especially valuable for dry soils. Sow 5 bu. per acre (14 lbs. per bu.). 65c. per lb. (by P. P., 75c.).

**Fescue, Hard (*Festuca Duriuscula*).** Splendid for golf links, tennis courts, etc. Sow 6 to 7 bu. per acre (12 lbs. per bu.). 30c. per lb. (by P. P., 40c.).

**Fescue, Meadow (*Festuca Pratensis*).** Sow 100 lbs. per acre (22 lbs. per bu.). 25c. per lb. (by P. P., 35c.).

**Fescue, Red (*Festuca Rubra*).** Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.). 45c. per lb. (by P. P., 55c.).

**Fescue, Sheeps' (*Festuca Ovina*).** Sow 6 bu. per acre (12 lbs. per bu.). 30c. per lb. (by P. P., 40c.).

**Herd or Red Top, Fancy Recleaned.** One of the best grasses for sowing for immediate effect. Sow 35 lbs. per acre (32 lbs. per bu.). 30c. per lb. (by P. P., 40c.).

**Herd or Red Top, Unhulled (*Agrostis Vulgaris*).** Sow 6 to 8 bu. per acre on lawns, or 5 bu. on pasture lands (10 lbs. per bu.). 25c. per lb. (by P. P., 35c.).

**Orchard Grass (*Dactylis Glomerata*).** Fine for sowing in shaded places. Sow 50 lbs. per acre (14 lbs. per bu.). 35c. per lb. (by P. P., 45c.).

**Rhode Island Bent.** For sowing at seashore resorts, on putting greens, tennis courts, etc. Sow 100 lbs. on a putting green, 100 ft. square. (14 lbs. per bu.). \$1.00 per lb. (by P. P., \$1.10).

**Rough Stalked Meadow (*Poa Trivialis*).** A splendid grass for shady places. Sow 100 lbs. per acre (14 lbs. per bu.). 80c. per lb. (by P. P., 90c.).

**Rye Grass, English or Perennial (*Lolium Perenne*).** (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass. Sow 5 bu. per acre (24 lbs. per bu.). 25c. per lb. (by P. P., 35c.).

**Rye Grass, Italian (*Lolium Italicum*).** Very desirable for pasture; ideal for southern lawns. Sow 100 lbs. per acre (18 lbs. per bu.). 25c. per lb. (by P. P., 35c.).

**Sudan Grass Seed (*Annual*).** This belongs to the forage crops. Sow 16 to 24 lbs. per acre. 18c. per lb. (by P. P., 28c.).

**Sweet Vernal (*Annual*).** 5 lbs. per acre with other grass. 35c. per lb. (by P. P., 45c.).

**Sweet Vernal (*Perennial*).** \$1.00 per lb. (by P. P., \$1.10).

**Timothy (*Phleum Pratense*).** Sow one-half bu. per acre alone (45 lbs. per bu.). 20c. per lb. (by P. P., 30c.).

**Wood Meadow (*Poa Nemoralis*).** The best grass for sowing under trees. Sow 75 to 100 lbs. per acre (14 lbs. per bu.). 75c. per lb. (by P. P., 85c.).

**Prices for larger quantities than 5 lbs. of above will be quoted upon request.**

### WHITE DUTCH LAWN CLOVER

Splendid for sowing among grass on lawns and other places where a thick, quick growth is desired; especially adapted for seashore lawns. Per pkt., 5c.; 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 45c. per  $\frac{1}{2}$  lb. (by parcel post, 50c.); lb., 85c. (by parcel post, 95c.); \$4.00 per 5 lbs. (by parcel post, \$4.25); 10 lbs., \$7.75 (by parcel post, \$8.10); \$45.00 per bu. of 60 lbs.; per 100 lbs., \$75.00. Prices on White Clover subject to change.

# MICHELL'S HIGH GRADE FARM SEEDS

PRICES WHERE NOTED SUBJECT TO MARKET CHANGES



Crimson Clover

## CLOVERS

**Alfalfa or Lucerne** (*Medicago Sativa*). Non-irrigated Western Grown Seed. This is sown during May, August and September. Sow not less than  $\frac{1}{2}$  bushel (30 lbs.) per acre, preferably with no other crop. 40c. per lb. (by parcel post, 50c.).

**Alfalfa** (*Grimm Strain*). Claimed to be hardy in any and all regions; a heavy yielder and of deeper rooting ability. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. 45c. per lb. (by parcel post, 55c.).

**Alsike or Swedish Clover** (*Trifolium Hybridum*). One of the best for mixing with timothy; perfectly hardy in every climate or soil condition; grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. 35c. per lb. (by parcel post, 45c.).

**Bokhara or Sweet Clover** (*Melilotus Alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure). Grows from 3 to 5 feet high, thriving on almost any kind of soil. We handle only the true white-flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. 30c. per lb. (by parcel post, 40c.).

**Crimson Clover** (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, 20 lbs. to the acre. 25c. per lb. (by parcel post, 35c.).

**Hubam** (*Sweet Clover*). One of the best fertilizing plants, and a wonderful hay and pasture crop. Sow 12 pounds per acre broadcast or 3 pounds in cultivated rows early in the spring. Scarified seed, 50c. per lb. (by parcel post, 60c.); 5 lbs., \$2.40 (by parcel post, \$2.65); \$4.50 per 10 lbs. (by parcel post, \$4.85); 25 lbs., \$10.00; \$37.50 per 100 lbs.

**Mammoth Red Clover** (*Trifolium Pratense Perenne*). This differs from the "Medium," being of a ranker growth and yielding more fodder per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops 10 lbs. per acre. 55c. per lb. (by parcel post, 65c.).

**Red Clover, Medium** (*Trifolium Pratense*). Used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$  feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. 50c. per lb. (by parcel post, 60c.).

Prices for quantities of Clover larger than 5 lbs., will be quoted on request.

## CLOVERS—(Continued)

**White Dutch or Lawn Clover** (*Trifolium Repens*). Valuable for pasturage; it succeeds where other clovers and grasses fail, and it seldom dies out. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. Per pkt., 5c.; 10c. per oz.;  $\frac{1}{4}$  lb., 25c.; 45c. per  $\frac{1}{2}$  lb. (by parcel post, 50c.); lb., 85c. (by parcel post, 95c.); \$4.00 per 5 lbs. (by parcel post, \$4.25); 10 lbs., \$7.75 (by parcel post, \$8.10); \$45.00 per bu. of 60 lbs.; per 100 lbs., \$75.00. Prices on White Clover subject to change.

## RAPE

**Dwarf Essex**. An excellent green food for sheep and hogs; can be pastured 8 weeks after sowing. Sow 6 lbs. per acre broadcast or in drills from April 1st to October 1st. It produces enormous crops and is ideal green manure. 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.

## WINTER RYE

**Pennsylvania White**. This makes a fine winter cover crop, being usually sown in the autumn as late as November, making a very fine yield of long, stiff straw. Winter rye will not mature if sown in spring. 56 lbs. per bu. Sow 1 $\frac{1}{2}$  bushels per acre.

**Rosen**. An improvement on the above.

Price, either of above, 20c. per qt. (by parcel post, 30c.); larger quantity, price upon application.

## TIMOTHY SEED

For sowing among wheat as a second year hay crop, or for sowing alone for a first year hay crop, this is extensively used. We aim to sell the purest and highest germinating quality. 45 lbs. per bushel. 20c. per lb. (by parcel post, 30c.); larger quantity, price upon application.



Winter Vetch

## WINTER VETCH (*Vicia Villosa*)

Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern section of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed. It is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower, cut for hay. All stock relish it keenly. 25c. per lb. (by parcel post, 35c.); larger quantity, price upon application.



See page 69 for  
our Special Wheat  
Fertilizer.

## FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer. Four-rowed Fultz is **extremely early**. The berry is of medium size, hard and red in color. Chaff is white. Straw is of medium length, strong and stiff. On rich soils, Four-rowed Fultz will give straw of great length; will stool out wonderfully, making a thick growth.

This variety has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## LANCASTER-FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered. There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff. Lancaster-Fulcaster will carry through extreme winters; will also withstand attacks of insect pests and disease better than any other variety. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## LEAP'S PROLIFIC (Beardless)

A most prolific variety indeed, and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all around good variety. Sow  $1\frac{1}{2}$  bushels per acre.

## "MIRACLE" (Bearded)

This valuable wheat was introduced by us in the vicinity of Philadelphia in 1911. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped, red grains of a semi-hard nature of excellent milling qualities. **It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head or stalk.** It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impressed upon us very forcibly **not to recommend the sowing of more than one bushel per acre**, as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature and produces straw often 5 feet high.

## PENNSYLVANIA 44 (Bearded)

A new variety originating at the Pennsylvania Agricultural Experiment Station and developed from the Fulcaster. Grains red, purple straw, white chaff. It is a few inches taller than Fulcaster, and with stiffer straw. This variety has yielded an average of 35 bushels per acre for the last 10 years. Sow  $1\frac{1}{2}$  to 2 bushels per acre.

## RED WAVE (Beardless)

A very popular variety, succeeding in all kinds of soil and has been especially successful in lands not too rich in lime. Upon sandy, gravelly soil Red Wave is especially suited. This variety is a heavy producer; heads are extremely long, with grains closely set; on good rich soil this variety has yielded 40 to 45 bushels per acre. It takes a little longer for this variety to mature than the earliest varieties. The straw is long and withstands storms remarkably well. Grains large and dark red and produces flour of good quality. This is truly a worthy variety, the result of a cross of Red Clawson and an unnamed cross-breed of Russian parentage.

Prices of Seed Wheat fluctuate constantly and will be quoted on application.

## NITROGEN-GATHERING BACTERIA THE WONDERFUL FERTILIZER FOR LEGUMINOUS CROPS

The following crops are in season for sowing now and should be inoculated:

**ALFALFA, ALSIKE, CRIMSON CLOVER, RED CLOVER, VETCH**

We can also furnish culture for all other legumes. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

### FARMOGERM

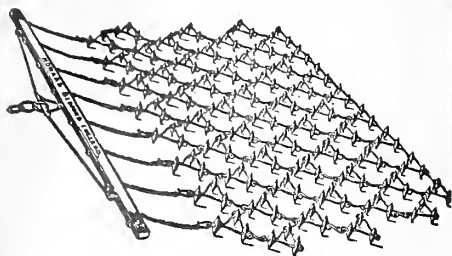
Prices, trial size (for Beans, Peas and Sweet Peas), 50c.; 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00. Full directions accompany each bottle.

### MULFORD CULTURES

Prices, trial size (supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35c.; 75c. per  $\frac{1}{4}$  acre size; 1-acre size, \$1.50; \$5.00 per 5-acre size.

In ordering Farm Seeds allow 50c. for each 2 bushel bag. These are returnable for credit

(oa)



### SCOTCH CHAIN HARROW

One of the best implements for pulverizing the surface soil, leveling and smoothing; also splendid for covering grass seed, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints.

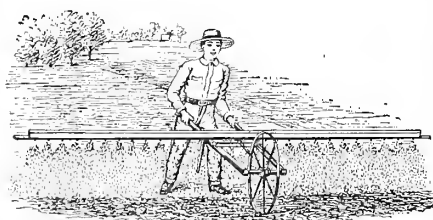
No.	Size	Weight	Price
1F.	One-horse size, 5 x 6 ft.	126 lbs.	\$35.00
2F.	Medium two-horse size, 6 x 7 $\frac{3}{4}$ ft.	236 lbs.	50.00
3F.	Full two-horse size, 9 x 11 ft.	357 lbs.	65.00



### BROADCAST SEED SOWERS

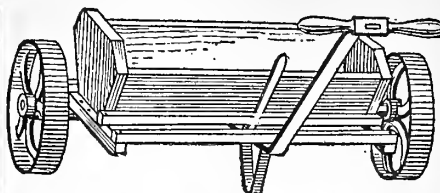
For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

	Price
Cahoon.....	\$5.75
Cyclone.....	3.25



### WHEELBARROW GRASS SEEDER

The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly. No. 9 (especially for Grass Seed), sows a width 14 ft., \$15.00.

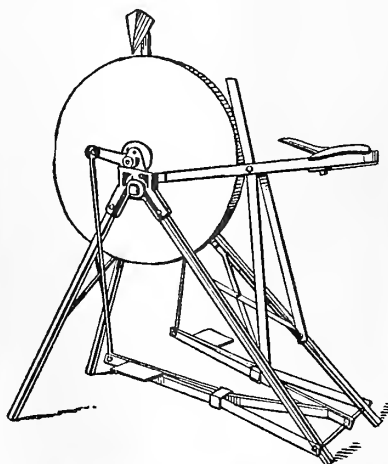


### STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution, requiring less time than by the broadcast hand process.

**Hand Machine.** Holds about 2 bu.; covering area 3 feet wide. Price, \$22.50.

**Horse Machine.** For use on large lawns, fields and golf grounds. It is furnished equipped for either one or two horses, as may be desired. 5 foot, 10-inch spreading area, \$70.00; 8 foot, 3-inch spreading area, \$75.00.



### STERLING MOUNTED GRINDSTONE

Substantially made; heavy steel frame, with seat and double treadles; fitted with improved ball bearings, of the very best quality, encased so they will keep clean. Stone, 19 to 22 inches diameter, 1 $\frac{3}{4}$  to 2 $\frac{1}{4}$  inches thick. Weight 100 lbs.

Shipped knocked down, crated. Price, \$12.00.



### LAWN AND PUTTING GREEN CLEANER

The flexible rake bars are of wood, with steel springs and teeth; they rotate like a lawn mower cylinder and clean up every particle of leaves, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity.

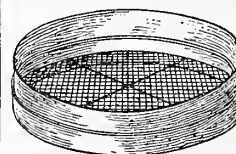
24-in. Rake, or Sweeper, \$30.00.

36-in. Rake only, \$42.50.

Please specify when ordering if wanted for lawn or putting greens.

**Sweeping Brushes.** Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. \$9.00 per set of three, when purchased separately.

We can also supply the **Philadelphia Horse Lawn Sweeper.** Price upon application.



### SIEVES

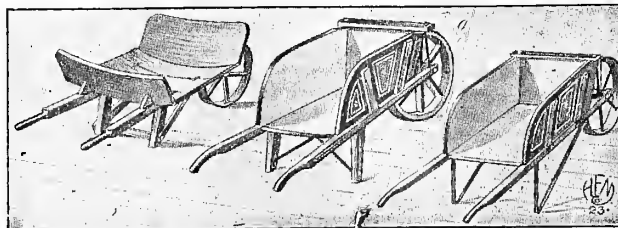
(Any Size Mesh)  
Made extra well.

By  
P. P.

	Each	Each
20-inch Steel (Heavy).....	\$1.55	\$1.80
20-inch Galvanized wire.....	1.55	1.75

### LARGE UPRIGHT SIEVE

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. Price, \$14.00.



Canal

Great American

	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Great American.....	1	2 $\frac{3}{4}$	30	12	25	\$10.00
Great American.....	2	2 $\frac{3}{4}$	28	12	24	9.00
Great American.....	3	2 $\frac{3}{4}$	26	12	22	8.25
Great American (Boys').....	4	1 $\frac{3}{4}$	22	9	18	6.00
Canal. Side dump (bolted).....						5.50
Special Greenhouse Style. Narrow body and handle width.....						11.00

### Wheelbarrows

The measurements of barrows are understood, viz.: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.





## KEYSTONE LEAF RACKS

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire bolted to a wooden base. Price, not including wheelbarrow, \$8.00.



## WOOD LEAF RACKS

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck as shown in opposite column.

Leaf Rack only, no truck.....\$8.00  
Leaf Rack with 2½-inch tire truck...24.00  
Leaf Rack with 3½-inch tire truck...25.00  
Truck with 3½-inch tire wheels, no rack or barrel.....17.50

## RUBBISH BASKETS

On all large places, on the lawn, and in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$4.50 each.

## BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early; made of stiff, heavy paper. The plant is drawn together and the tube slipped over it.

No. 1, 6 x 12 inch. Per 50, \$1.85 (by P. P., \$2.05); \$3.25 per 100 (by P. P., \$3.60); per 1000, \$27.50.  
No. 2, 6½ x 13 inch. Per 50, \$2.25 (by P. P., \$2.50); \$4.00 per 100 (by P. P., \$4.40); per 1000, \$35.00.  
No. 3, 7 x 14 inch. Per 50, \$2.50 (by P. P., \$2.85); \$4.25 per 100 (by P. P., \$4.85); per 1000, \$36.00.

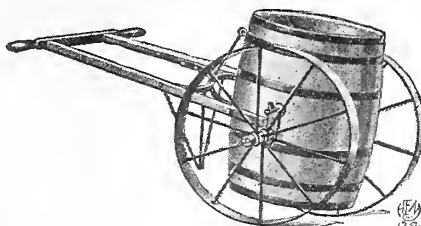
## BALL CELERY HANDLER

For gathering up the foliage so that the bleaching tubes can be placed without damage to the plant.

Brass, \$3.65 each (by P. P., \$3.80). Tin, \$1.80 each (by P. P., \$1.90).

## CELERY PAPER

For winter protection; 500 sq. ft. per roll. Price upon application.



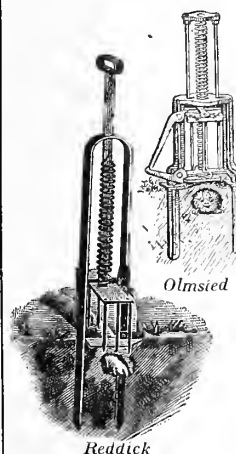
## BARREL TRUCKS, ETC.

The prices below include barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.

2½-inch tire truck, all iron wheels, with barrel.....\$22.50  
3½-inch tire truck, all iron wheels, with barrel.....24.00  
Extra Barrels, with trunnions, open head.....6.50

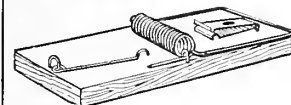
## MOLE TRAPS

For catching moles that ruin lawns and damage the contents of hotbeds and cold frames. Moles move usually about 5 A. M. and 5 P. M., so that traps should be set for that period. See illustrations.



Olmsted. Each, \$2.00 (by P. P., \$2.20.)

Reddick. Each, \$1.25 (by P. P., \$1.45).



## OUT-O-SIGHT TRAPS

The most satisfactory mouse and rat trap. Set off at the least vibration.

	By P. P.	Each	Each
Mouse.....	\$0.10	\$0.15	
Rat.....	.20	.25	

For complete list of Lawn, Garden and Farm accessories, see our General Catalog.

## RUBBISH CONSUMERS

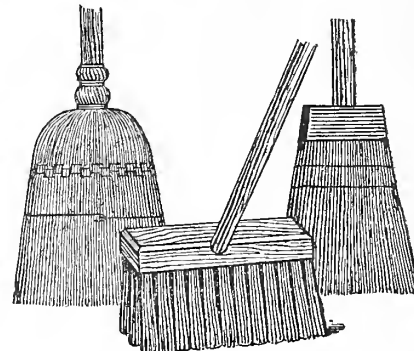
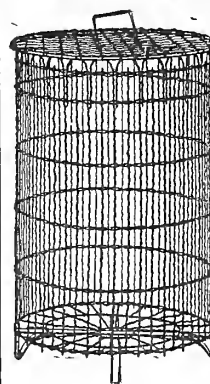
Made of galvanized wire; an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

### Light Wire

Diam.	High	Price
A. 12 in.	18 in.	\$2.00
B. 15 in.	22 in.	2.25
C. 18 in.	26 in.	3.00
D. 21 in.	31 in.	3.75

### Extra Heavy Construction

No. 10, 16x22 in. \$12.00  
No. 20, 20x30 in. 16.50



Plain Corn Rattan Push Jap. Fibre

## BROOMS AND BRUSHES

For sweeping paths, gutters, roads, etc.; all with handles.

### BROOMS

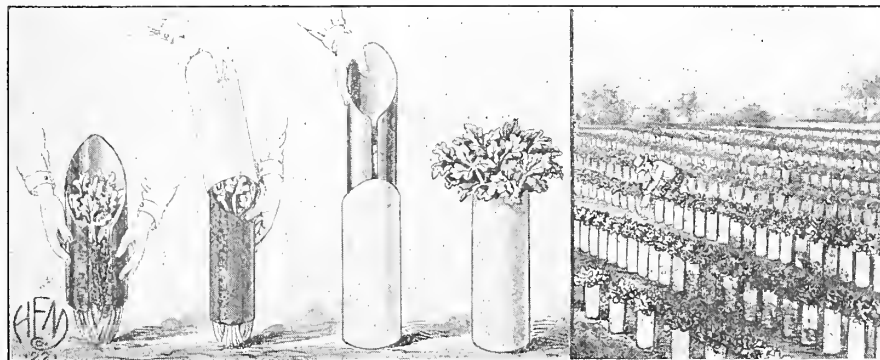
No. 230. Japanese Fibre.....\$1.50  
No. 8. Corn and Rattan mixed..... 1.15  
Golf Greens (Birch)..... .35  
No. 7. Plain Corn, extra quality..... 1.00

### ROAD BRUSHES

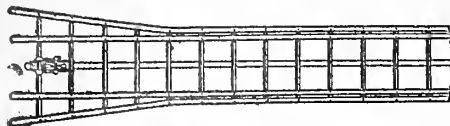
No. 271. Rattan Push, 14-inch.....\$1.40  
No. 0286. Bass or Cocoa Push, 14 inch 1.40

## MEHLER HANDY SCRAPER

This was originally designed as a dropping-board scraper in poultry and pigeon houses. It gets in the corners easily and has a sharp crimped edge on the upper side, which is used to loosen up any hard substance. It is also suited for a variety of other work around the farm or garden. Price, \$1.00.



Ball Celery Bleacher



### COMPOUND EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

20 feet.....	30 feet.....	
22 feet.....	32 feet.....	80c.
24 feet.....	34 feet.....	per ft.
26 feet.....	36 feet.....	
28 feet.....	38 feet.....	

### SINGLE PLANK LADDERS

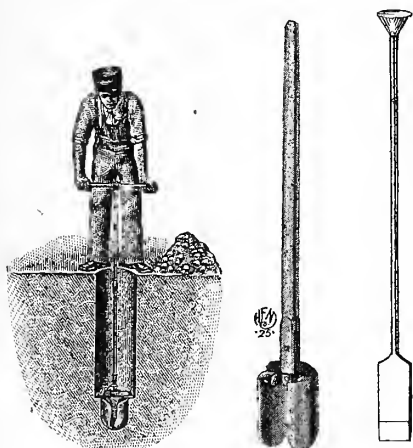
Made of good hard wood, free from faulty knots and with perfect rounds.

10 feet.....	\$5.50	16 feet.....	\$8.80
12 feet.....	6.60	18 feet.....	9.90
14 feet.....	7.70	20 feet.....	13.00

### STEP LADDERS

Gem. 4 ft. to 10 ft., 75c. per foot.

### POSTHOLE DIGGERS



No. 8 Digger

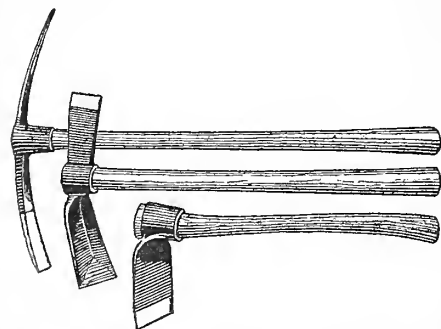
Eureka

Spade

No. 8. This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches, \$6.00.

No. 15. Eureka, \$2.50.

Post Hole Spade. All steel with tamper end, \$2.50.



### PICKS (Price includes Handle)

A steel, double point, \$1.25 (by P. P., \$1.50).

### MATTOCKS

(Price includes Handle)

Axe, pointed.....	\$1.50	By P.P. \$1.75
Pick, pointed.....	1.50	1.75
Half Mattocks or Grub Hoes..	1.50	1.75



### AXES

Plumb Make, medium, man's size, made of best quality steel, \$2.75 (by P.P., \$3.00).



### HATCHETS

Made of the best quality tool steel. Plumb, \$1.25 (by P. P., \$1.40).



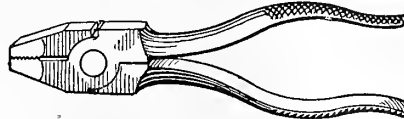
### STEEL HAMMERS

No. 011½ Pexto, \$1.00 (by P. P., \$1.15.)



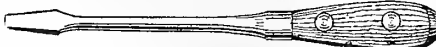
### MONKEY WRENCHES

For machinery. Made of first quality hard steel; 8-inch, 75c. (by P. P., 90c.); 10-inch, 85c. (by P. P., \$1.00).



### STEEL PLIERS

No.	Each	By P.P. Each
133. Side cutting, 6-inch.....	\$1.00	\$1.10
133. Side cutting, 7-inch.....	1.10	1.20



### PEXTO SCREW DRIVERS

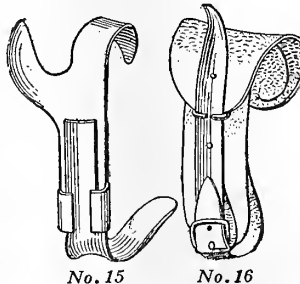
4-in. blade....	\$0.50	6-in. blade....	\$0.65
5-in. blade....	.60	7-in. blade....	.75
10-in. blade.....	\$1.00		

If wanted by Parcel Post add 10c. each.

### HUSKING PINS

No. 15. Universal. All metal; adjustable to any size hand, 15c. (by P. P., 20c.).

No. 16. Combination leather and metal, 15c. (by P. P., 20c.).



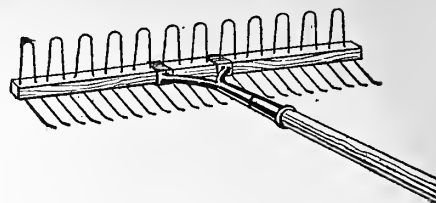
No. 15

No. 16



### CORN KNIFE

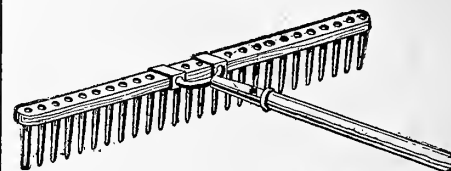
Little Giant. Made of high grade steel, oil tempered; polished on one side; tang extends through oval wood handle. Price, 65c. (by P. P., 80c.).



### WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. The rake is reversible. These are excellent for lawn or walk work.

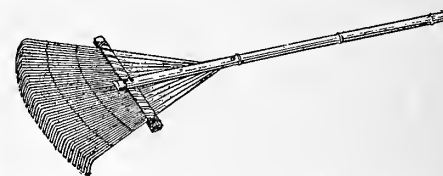
No. Tooth	No. Tooth
124R...20...\$0.90	36LR...36...\$1.60
No 342H—42-tooth, very close for cleaning off putting greens, \$1.65.	



### OLE OLSEN LAWN RAKE

Made of best hard wood, well braced; teeth set close together.

26-tooth, hickory wood. Price, \$1.25.



### JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. Price, \$1.00 each.

### WOODEN RAKES

Ames, No. 37X. 24-tooth, steel bows..\$1.50

Ames, No. 30X. 14-tooth, hard wood.. 1.25

Wire Braced. 20-tooth, lawn ..... .80

### AUTOMATIC LAWN RAKE

A backward motion of the operator clears all the teeth at once.

Wood, 26-tooth, \$1.50 | Wood, 38-tooth, \$1.85  
Galvanized, 24-tooth.....\$1.75



### YELLOW JACKET SELF CLEANING LAWN RAKE

This rake eliminates all the annoyance of stopping work to free the teeth of leaves and grass; a slight backward push and the teeth are clear. Made from the highest grade materials; indispensable for small suburban homes, large estates, parks, country clubs, etc. 21-inch head, 24 heavy wire teeth. Price, \$1.50 each.



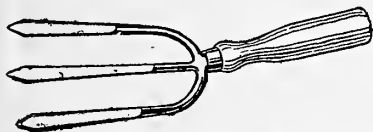
## WIRE SCOOP SHOVEL

For handling potatoes, turnips and root crops without bruising or cutting. Made of heavy steel wire.....\$3.00



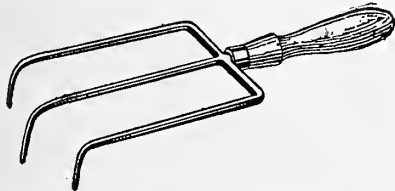
## SNOW SHOVELS

Adams; wood, D handles.....\$1.25  
Phillips; wood, long handle..... 1.25  
Owosso; galvanized, 16-inches wide (see cut)..... 2.00



## EUREKA WEEDING FORK

Letter G. Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds etc., 50c. (by parcel post, 60c.).



## EUREKA WEEDER No. 6

Letter E. Made of flexible steel; very light, an ideal tool for market gardeners, florists and amateurs, 50c. (by parcel post, 60c.).



## EXCELSIOR WEEDER

Made of malleable iron, finished in tin, 15c. (by parcel post, 20c.).



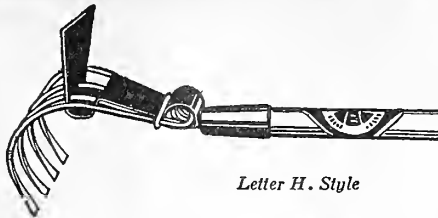
## EXCELSIOR WEEDING FORK

No. 300. Made of malleable steel, finished in tin. 15c. (by parcel post, 20c.).



## HAZELTINE WEEDER

No. Bw1, 45c. (by parcel post, 55c.).

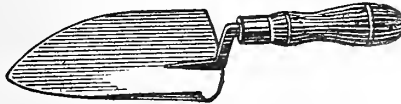


Letter H. Style

## MAGIC WEEDER

Made of heavy galvanized flexible wire with flattened prongs or ends.

Letter A. Short Handle, Small.....\$0.25  
(by parcel post, 35c.).  
Letter B. Short Handle, Medium..... .35  
Letter H. Long Handle, Large..... 1.25



## JOHNSON STEEL TROWELS, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

If wanted by parcel post add 10c. each for postage.

5 in.....\$0.75 | 7 in.....\$0.85  
6 in..... .80



## D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade, 85c. each (by P. P., 95c.).



## CLEVES' ANGLE TROWEL No. 217

For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

	Each	By P. Post Each
5 inch.....	\$0.30	\$0.40
6 inch.....	.35	.45
7 inch.....	.40	.50



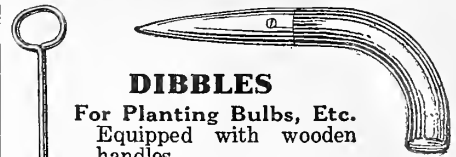
## TRANSPLANTING TROWEL

Steel shank and blade.  
80c. (by parcel post, 90c.).

## MISCELLANEOUS TROWELS

	Each	By P.P.
No. 213—5 inch.....	\$0.20	\$0.30
No. 213—6 inch.....	.25	.35
No. 0. Neverbreak—6 inch, heavy steel.....	.25	.35

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



## DIBBLES

For Planting Bulbs, Etc.  
Equipped with wooden handles.

No. 2180. Brass point, \$1.00 (by parcel post, \$1.10).

No. 218. Iron point, 80c. (by parcel post, 90c.).

## GERMAIN AUTOMATIC LAWN WEEDER

(See cut to left)

This weeder will pick out all weeds that a lawn may be infested with. Grasp the handle firmly, put point of weeder against weed, place foot against the foot rest, pull handle towards you, using foot as a pivot and the weeder will automatically pick the weed out. Nothing to get out of order. Price, \$1.75 each.



## TREE LABELS

If wanted by parcel post, add 10c. per 100  
25c. per 1000 for postage.

	100	1000
Iron Wired. Plain.....	\$0.35	\$2.25
Iron Wired. Painted.....	.40	2.75
Copper Wired. Plain.....	.40	2.75
Copper Wired. Painted.....	.50	3.25
Copper Sheet, wired.....	30c. doz.; 1.75	
Zinc Sheet wired.....	30c. doz.; 1.75	
Indelible Marking Pencils. Each..	.18	

## PAINTED POT LABELS

	By P.P.		
	100	per 100	1000
4 inch.....	\$0.35	\$0.40	\$2.25
4½ inch.....	.40	.45	2.75
5 inch.....	.45	.55	3.00
6 inch.....	.55	.65	3.50
8 inch.....	1.60	1.70	9.00
10 inch.....	1.75	1.90	11.00
12 inch.....	2.25	2.45	14.00
18 inch, for field use..	6.25	6.50	57.50

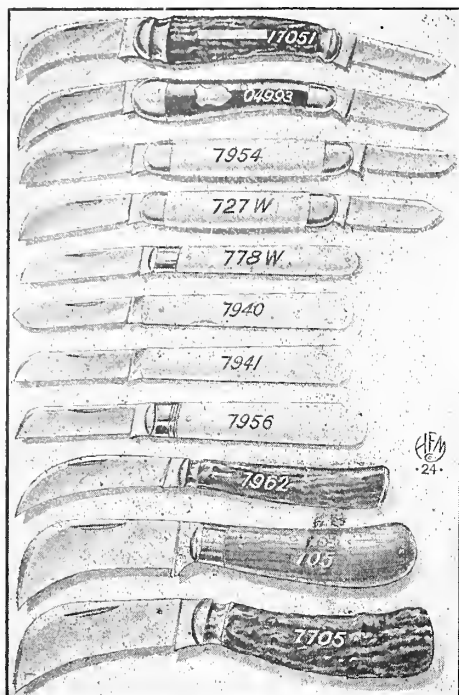


## Simplex Weatherproof Plant Label

The material carrying the writing is white celluloid with a specially prepared surface, protected by a transparent cover of mica.

Prices, include copper wires for attaching.  
If wanted by parcel post, add 5c. per doz., 15c. per 100 for postage.

Sizes	Doz.	100
No. 1—3 x ½ inch.....	\$0.50	\$2.50
No. 2—4 x ¾ inch.....	.85	5.00
No. 3—5 x 1 inch.....	1.10	7.50



### HORTICULTURAL KNIVES

Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to give good satisfaction.

#### WOSTENHOLM ENGLISH

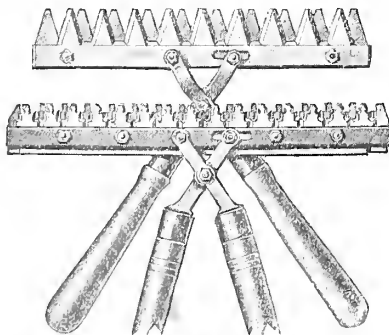
No.	Each
7705 Pruning, 1 blade, stag handle, extra heavy.....	\$3.00
7940 Budding, 1 blade, white handle.	2.75
7941 Budding, 1 blade, white handle.	3.00
7954 Budding, 2 blade, white handle.	3.00
7956 Budding, 1 blade, white handle.	3.50
7962 Pruning, 1 blade, stag handle..	2.25
17051 Pruning, 2 blades, stag handle..	3.25

#### AMERICAN MAKE

105 Pruning, 1 blade, cocoa handle	1.10
727W. Budding, 2 blades, white handle	1.25
04993 Budding and Pruning, 2 blades, ebony or stag handle	1.25
Florists Favorite. 1 blade, white handle; an excellent knife for the gardener..	1.25

### SIMPLICITY HEDGE TRIMMER

To be used for fresh new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$4.00 (by P. P., \$4.25).



### SIMPLICITY HEDGE PRUNER AND TRIMMER

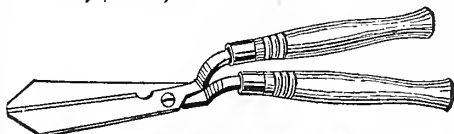
For pruning back old growth and trimming new, \$6.00 (by P. P., \$6.25).

### LITTLE WONDER HEDGE TRIMMER

Designed only for trimming back the new growth of hedge during the summer months. The machine is built along the most practical mechanical lines and of best material. The cutting knife runs backward and forward through a knife guard and is operated by turning a wheel.

**Junior.** 30-in. cut, \$19.75 (by P. P., \$20.50).  
**Little Wonder.** 40-in. cut, \$25.00 (by P. P., \$25.75).

**Little Wonder.** 60-in. cut, \$30.00 (by P. P., \$30.75).



### HEDGE SHEARS

If wanted by Parcel Post, add 20c. each for postage.

No.	American	English
101A. 6½-inch, Ladies'...	\$1.50	
101A. 8-inch.....	2.50	\$3.50
101A. 9-inch.....	3.00	3.75
101A. 10-inch.....	3.25	4.25
101A. 12-inch.....	3.50	5.00

**Bolts and Nuts** for hedge shears, 30c.

**Handles for Hedge Shears**, 85c. per pair.

### YEAKE HEDGE SHEAR

These shears will not push the hedge forward but will hold it and cut it at once. They also have a tension spring to keep the blades together, consequently need little or no attention, as the spring has a tendency to keep them sharp. Price, \$6.75 (by P. P., \$6.95).

### STEEL HEDGE KNIFE

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel with a slight hook on blade.

**No. 1.** Short handle, \$1.25 (by P. P., \$1.40).

**No. 3.** Large heavy style, \$5.00.

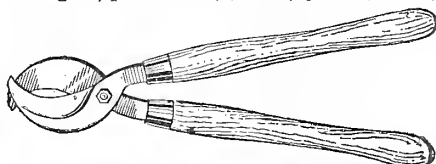
### LOPPING SHEARS

**No. 1. Disston Lopping.** Polished hardwood handle, 27½ inches long; heavy ferrule; heavy blades for heavy work; new tension and positive adjustment; weight, 3¼ lbs. Price, \$3.00 (by P. P., \$3.25).

**No. 2. Disston Vine Lopping.** Details same as above, excepting it is made slightly lighter for smaller work; weight 3 lbs. Price, \$3.00 (by P. P., \$3.25).

**No. 3. Disston Bull Dog Lopping.** Both jaws curved and both cutting jaws; weight 3¼ lbs. Price, \$3.00 (by P. P., \$3.25).

**No. 5. Disston Utility Lopping.** 9-inch black handles; full polish, 3¼-inch blades; weight ¼ lbs. Price, \$2.50 (by P. P., \$2.75).



### RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. The easiest operating Lopping Shear ever made or sold. 24-inch and 28-inch handles. Price, \$5.00 (by P. P., \$5.25).

### ENGLISH LOPPING SHEAR

**No. 109.** Made of the finest English steel; 4-inch cut; will sever heavy branches readily. Price, \$6.75 (by P. P., \$7.00).



Pexto Pruning Shear

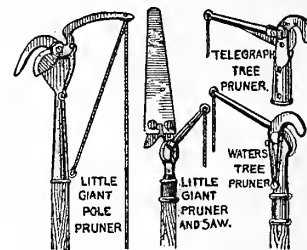
### PRUNING SHEARS

Our pruning shears are procured from the most reliable makers and all are fully guaranteed.

If wanted by Parcel Post, add 10c. each for postage.

No.	Length	Each
100 Perfection.....	8 in.	\$3.00
50 Pexto.....	8 in.	1.10
R50 Pexto.....	9 in.	1.40
55 Pexto.....	9 in.	1.65
R95 Pexto.....	10 in.	3.75
109 Wiss.....	8 in.	3.50
65 Pexto, American.....	9 in.	1.75
R165 Pexto, American.....	9 in.	2.50
R70 Pexto, American.....	9 in.	2.00
0 Pexto.....	9 in.	.65
14 Pexto, Nickeled.....	6½ in.	1.65
23 Levin.....		.80
253 Disston, plain.....	8 in.	2.50
23 Henckel, Nickeled....	4½ in.	1.65
23 Henckel, Nickeled....	6½ in.	1.90
190 Henckel.....	7½ in.	2.75
200 Henckel.....	8½ in.	3.00
210 Henckel.....	9½ in.	3.25
1586 French.....	7½ in.	2.
1586 French.....	8½ in.	3.25

**Spiral Springs** for any of the above Pruning Shears. 20c. each; per doz., \$1.50 (by P. P., \$1.60).



### TREE PRUNERS

**Disston's Little Giant. Pruner...** \$2.25

**Disston's Little Giant. With saw attachment.....** 3.25

If wanted by Parcel Post, add 20c. each for postage.

Prices are for Pruner without rope or pole.

### TELEGRAPH TREE PRUNERS

Removable blade, which can be renewed when worn out for 40c. Price, plain, without pole, \$2.25 (by P. P., \$2.40).

### WATERS TREE PRUNERS

With pole and removable cutting blade, complete.

4 feet.....	\$2.50	10 feet.....	\$3.50
6 feet.....	3.00	12 feet.....	3.75
8 feet.....	3.25	14 feet.....	4.00

**Extra Blades for Waters Pruners**, 40c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

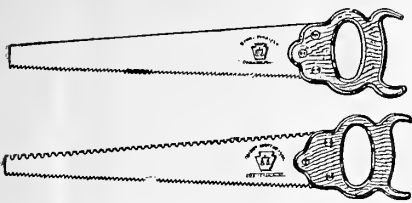
#### Poles for Tree Pruners.

12 feet long, 1¼ inches diameter.....\$2.75

14 feet long, 1½ inches diameter..... 3.00

Waters Pruners or Poles are not mailable.





## DISSTON PRUNING SAWS

If wanted by Parcel Post, add 15c. each for postage.

No. 4.	18-inch.	Double edge.....	\$1.75
No. 4.	20-inch.	Double edge.....	2.00
No. 7.	16-inch.	Single edge.....	1.60
No. 7.	18-inch.	Single edge.....	1.70
No. 7.	20-inch.	Single edge.....	1.80
No. 7.	22-inch.	Single edge.....	2.15
14-inch.	California Pattern.	Crescent shaped blade.....	1.25



## CROSS CUT LOG SAWS

Disston Make

Keystone No. 3, one-man, 3½ ft. blade. \$3.75  
Gt. American, two-man, 5 ft. blade... 5.75



## CARPENTER SAWS

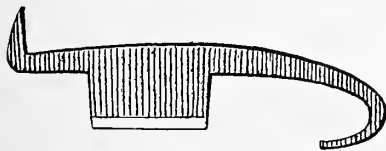
State if rip or cross-cut is wanted.

Disston No. 8D. 26-inch blade..... \$3.50  
Disston No. 8D. (Rip) 28-inch blade... 4.00



## GRAFTING WAX

¼ lb., 15c.; 25c. per ½ lb. (by P. P., 35c.);  
per 1 lb., 45c. (by P. P., 55c.).



## GRAFTING TOOL

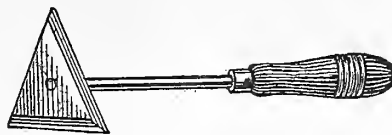
Made of the best steel. For grafting trees, etc.  
All steel. \$1.00 (by P. P., \$1.10).



## LEATHER PRUNING GLOVES

If wanted by Parcel Post, add 15c. per pair, for postage.

No. 225.	Horsehide, with gauntlets, not lined.....	\$2.75
No. 280.	Horsehide, with gauntlets, lined.....	2.50
No. 225-2.	Horsehide, no gauntlets, not lined.....	2.75
No. 288.	Horsehide, no gauntlets, lined.....	2.00



## TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle, 75c. (by P. P., 85c.).

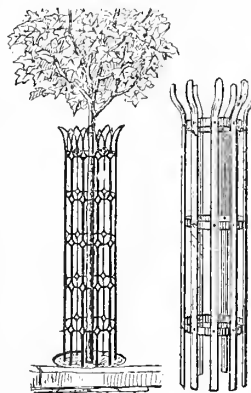
## TREE OR BARK BRUSHES

For brushing down trees for removing insects, borers, etc. Made of steel.  
Price, 8½-inch, 65c. (by P. P., 75c.).

## TREE GUARDS

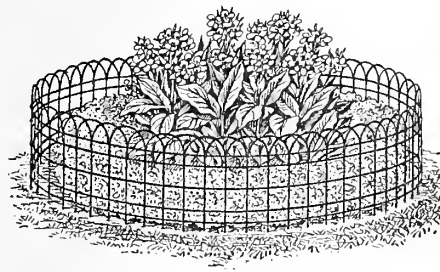
**Galvanized Wire.** Carefully made of heavy material and finished in a neat and substantial manner. 12 in. diam., \$2.50; 9 in. diam., \$2.25 each.

No. 4. **Iron.** Made of flat iron, finished black; will last indefinitely with an occasional painting. \$3.75 each.



Wire Guard Iron Guard

**Phila. Official Tree Guard.** Made of heavy round iron. \$6.50 each.



## FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 165 running feet.  
18 in. Less than 165 ft. roll, 12c. per ft.  
18 in. In roll lots, 165 ft., 10c. per ft.  
22 in. Less than 165 ft. roll, 13c. per ft.  
22 in. In roll lots, 165 ft., 12c. per ft.

## CEDAR PICKET FENCING

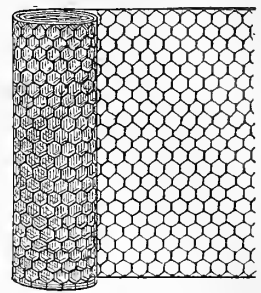
This is tailor-made compared to the ordinary ready-made fencing. Will wear for years without paint. Readily put up and saves time, labor and expense of fence building. Far ahead of and will outwear the old style wire fence by many years. Rolls of 50 feet are carried in stock. 75 and 100 ft. rolls can be shipped from factory.

3 ft. high, with 4 galvanized steel double wire cables, 15c. per running foot.  
4 ft. high, with 5 galvanized steel double wire cables, 17c. per running foot.  
5 ft. high, with 6 galvanized steel double wire cables, 22c. per running foot.

## WIRE NETTING

Price is constantly changing and is subject to market.

No. 19. Galvanized, two-inch mesh, 150 running feet per bale.



Width	Per Bale	Width	Per Bale
12 inches.....	\$1.68	42 inches....	\$4.88
18 inches.....	2.40	48 inches.....	5.58
24 inches.....	3.00	60 inches.....	6.88
30 inches.....	3.68	72 inches.....	8.37
36 inches.....	4.19		

No. 20, galvanized, one-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches.....	\$3.36	42 inches.....	\$9.75
18 inches.....	4.80	48 inches.....	11.15
24 inches.....	6.00	60 inches.....	13.00
30 inches.....	7.32	72 inches.....	15.60
36 inches.....	8.37		

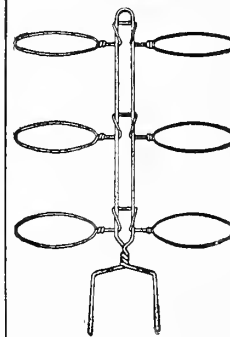
## STAPLES

¾ inch, for fastening netting, 15c. per lb. (by parcel post, 25c.).

## CUT WIRE NETTING

We can furnish this in both 1- and 2-inch mesh, in units of 25-ft., 50-ft., 75-ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 4c. per square ft.; 2-inch mesh at 2c. per square ft.

## CARNATION SUPPORTS



Richmond 3-Ring Support (Double)

The Richmond, shown here, is the most popular support on the market. Can be put together in a minute and is always satisfactory; 24 in. high.

**Richmond, double**  
Doz. 100 1000  
\$1.50 \$7.50 \$67.50

**Model, 2 ring**  
Doz. 100 1000  
\$1.00 \$6.50 \$57.50

**Model, 3 ring**  
Doz. 100 1000  
\$1.25 \$7.00 \$65.00

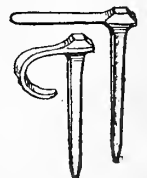
## WALL NAILS

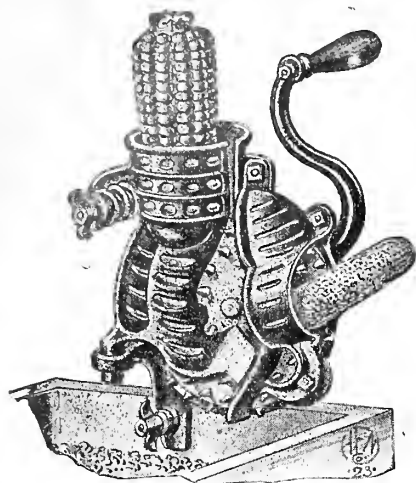
For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1-inch, 45c. per doz. (by parcel post, 50c.); per 100, \$2.75 (by parcel post, \$2.85);

1½-inch, 60c. per doz. (by parcel post, 65c.); per 100, \$3.75 (by parcel post, \$3.95).

2-inch, 75c. per doz. (by parcel post, 85c.) per 100, \$4.50 (by parcel post, \$4.75).



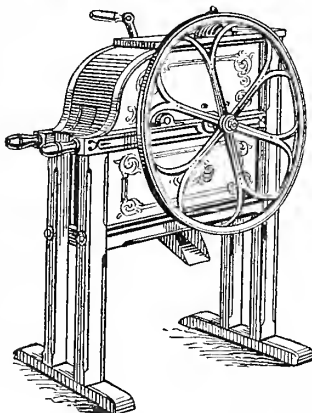


### BLACK HAWK CORN SHELLER

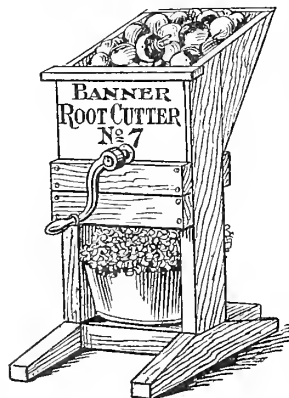
Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc., for shelling small quantities of corn. \$3.25 each (by P. P., \$3.60).

### PENNA. CORN SHELLER No. 3

Useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out another. \$16.00.

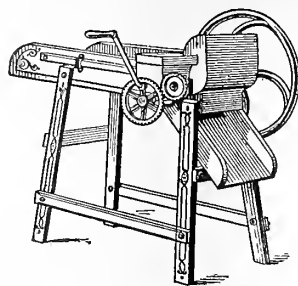


### BANNER ROOT CUTTERS



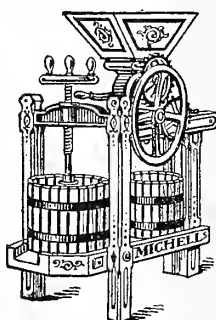
Roots of vegetables cut up fine take the place of grass and greens during the winter months.  
No. 7. For poultry, sheep and lambs, \$6.50.  
No. 16. Medium size, \$22.00.  
No. 35. Large size, \$30.00.  
If pulley is wanted on Nos. 16 and 35, add \$1.50.

For complete list of Farm and Garden Accessories, see our General Catalog for 1925.

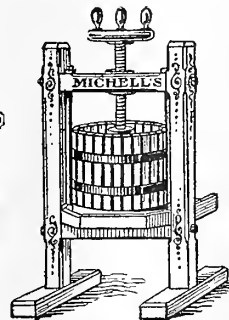


### HAY AND FEED CUTTER

For cutting hay, ensilage, etc. No. 11 1/4 Pony. Double knife. Price, \$30.00



Cider Mill



Fruit Press

### CIDER MILLS

	Capacity	Price
Bantam, 1 single tub	1 1/2 bu.	\$20.00
Junior	5/8 "	25.00
Medium	3/4 "	30.00
Senior	1 1/4 "	42.50

### FRUIT PRESSES

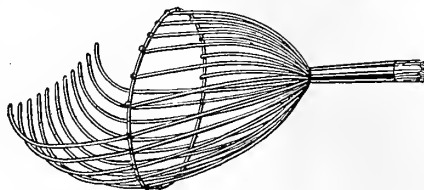
Made of best quality wood, carefully bolted and finished.

No.	Capacity	Price
1	1/4 bu.	\$8.00
2	1/2 "	9.00
3	1 "	13.50
7	Very heavy	35.00

### PRESTO FRUIT PRESS

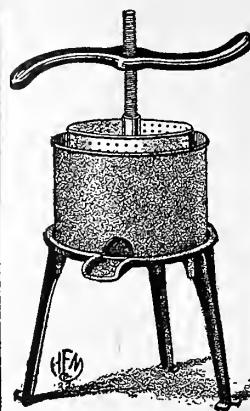
Used for extracting juices from Berries, and other Fruits. Made entirely of iron and steel; all parts heavily tinned.

No. 1. 3 quart size	\$5.25
No. 2. 6 quart size	6.50
No. 3. 9 quart size	7.50



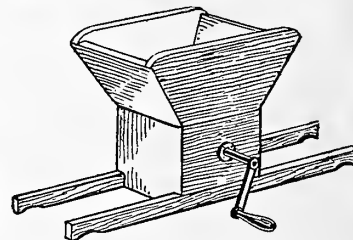
### BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 50c. (by P. P., 60c.).



### JUICY FRUIT PRESS

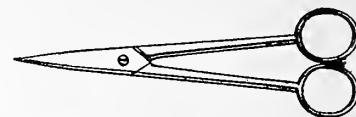
A very valuable press for making Jellies, Fruit Syrups, Lard, etc. All parts coming in contact with fruit juices are tinned with pure block tin. Base and feet cast as one piece. Price, \$8.50.



### GRAPE GRINDER

Suitable for crushing berries, grapes and similar soft fruit.

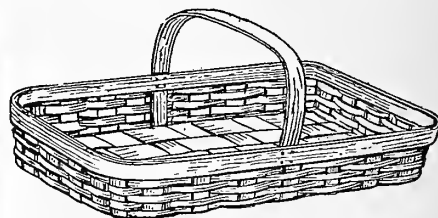
No. 5	\$5.00
No. 10	6.25



### GRAPE SCISSORS

For thinning out bunches of grapes, and not disturbing the berries that are to remain for development.

No. 6148. 6 inch, \$1.50 (by P. P., \$1.60).



### GATHERING BASKET

Very convenient for carrying vegetables, etc. Made of oak, with substantial handles; 12 in. wide, 23 in. long, 4 in. deep. Price, \$1.10 (by P. P., \$1.30).

### GARDEN BASKETS

No. 2, Stiff Handle

1/2 Bu., \$1.00 each (by P. P., \$1.20).

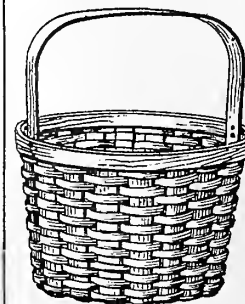
No. 3, Drop Handle

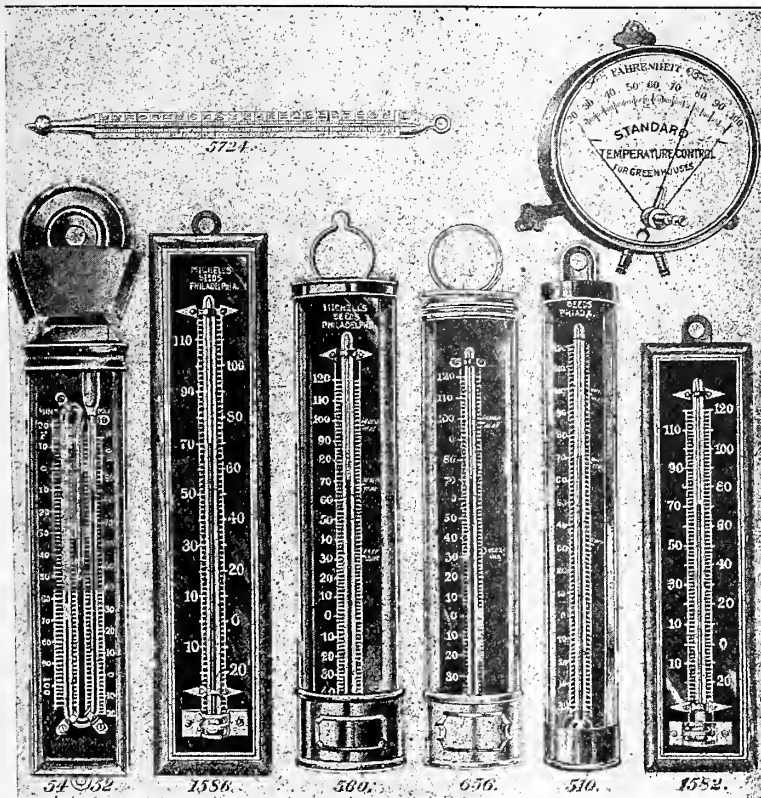
1/2 Bu., \$1.00 each (by P. P., \$1.20).

No. 4, Without Handle

1/2 Bu., 85c. each (by P. P., \$1.00).

1 Bu., \$1.10 each (by P. P., \$1.30).





## THERMOMETERS

No. 1694 (Old No. 5452). Maximum and Minimum, registering the coldest and the warmest point during the previous night. Price, \$4.00 (by P. P., \$4.15).

## TESTED THERMOMETERS

If wanted by Parcel Post, add 10c. each for postage. Each

No. 506—8 inch, Tin Case.....	\$0.85
No. 510—10 inch, Tin Case.....	1.00
No. 556—8 inch, Greenhouse.....	1.00
No. 560—10 inch, Greenhouse.....	1.25
No. 652—8 inch, Genuine Copper Case	2.00
No. 656—10 inch, Genuine Copper Case	2.25
No. 1582—8 inch, Wood Back, Black Scale.....	2.00
No. 1586—10 inch, Wood Back, Black Scale.....	2.25

## GLASS DAIRY THERMOMETERS

No. 5724. For testing milk, etc., also used for soil purposes. 40c. each (by P.P., 50c.).

## MUSHROOM OR HOTBED THERMOMETERS

No. 20450. Iron Point, oxidized finish, each, \$2.25 (by P. P., \$2.40).  
No. 1. Brass Point, Wood Case, each, \$3.00 (by P. P., \$3.15).

## RECORDING THERMOMETERS

No. 200. This type of thermometer which can be equipped with either a daily or weekly chart enables one to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, \$45.00 by express.

## ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass. No. GH3, not waterproof style, \$11.50 (by P. P., \$12.00). No. GH4, waterproof style, \$17.50 (by P. P., \$18.00.) See illustration above.

## PEERLESS GLASS REPAIR CLAMP

For supporting broken lights of glass. Will not rust. Price, \$1.75 per 100 (by Parcel Post, \$1.85).



## GLASS CUTTERS

If wanted by Parcel Post, add 10c. each, for postage.

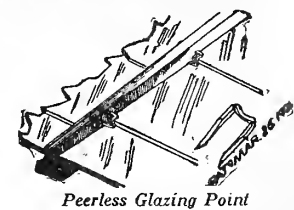
Single Wheel, steel, each.....	\$0.20
6 Wheel, steel, each.....	.45
No. 8 Small Diamond. Ebony handle	4.50
No. 8A Large Diamond. Mahogany handle.....	5.75

## LIQUID GLAZING PUTTY

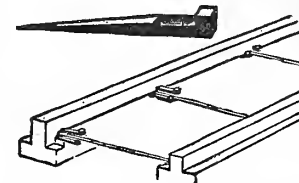
Superior to ordinary putty, more easily applied and lasting. Can be put on with a putty bulb or mastic machine. Especially adapted for glazing wood and metal sash. Per gal., \$2.50.

## MASTICOTE GLAZING CEMENT

Black. Apply with a mastic machine. Per gal., \$1.75.



Peerless Glazing Point



Siebert's Glazing Point

## GLAZING POINTS

Peerless. Three sizes.

No. 1, for single thick glass.

No. 2, for single thick glass.

No. 2½, for double thick glass.

Price, 65c. per 1000 (by P. P., 75c.).

Pincers. For driving Peerless Points, 60c. (by P. P., 70c.).

Siebert Style (Zinc). Made with a prominent head; cannot rust; easily driven. ⅝, ¾ and 7⁄8 inches long. 50c. per lb. (by P. P., 60c.); 5 lbs., \$2.40 (by P. P., \$2.60). 1000 to 1200 in a lb.

Zinc Glazing Nails. 45c. per lb. (by P. P., 55c.).

## MASTICA

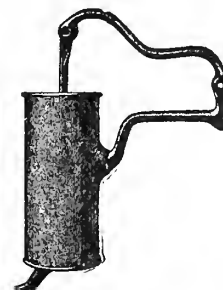
For glazing greenhouses. One gallon will cover about 300 running feet. Gal., \$2.50.

## GREENHOUSE PAINT

A superior white paint for sash bars, sash frames, etc. Per gal., \$3.25.

## PUTTY DISTRIBUTOR

For distributing putty, mastic, etc. Price, \$1.50 (by P. P., \$1.65).



Mastic Machine



Putty Distributor

## MASTICA MACHINE

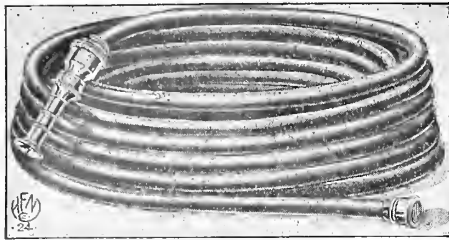
For distributing mastic, etc. Made of heavy zinc. Price, \$3.00 (by P. P., \$3.15).

## WEATHERCRAFT GLAZING GUN

For applying liquid glazing putty, mastic, etc., each, \$8.00 (by P. P., \$8.25).

## DAYLIGHT GLASS CLEANER

For taking off whitewash shading, etc. Apply with a brush, leave on a few minutes and rinse off with cold water. One gallon will clean 400 to 600 square feet of glass. Per gal., \$2.75; \$11.00 per 5 gals.



### RUBBER HOSE

Michell's Special, 1/2 inch.....	Per ft. \$0.14
Michell's Special, 3/4 inch.....	.17
Electric. You cannot kink it. 1/2 inch. .20	
Electric, 5/8 inch.....	.21
Electric, 3/4 inch.....	.22
Michell's Magic, 3/4 inch.....	.21
Michell's Akron, 3/4 inch.....	.21
Whip Cord, 3/4 inch.....	.19
Spray Pump Hose, Electric, 3/4 inch. .15	

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings.

**Hose Washers.** 3/4 inch, 8c. per doz.; 1/4 lb., 25c.; 75c. per lb. (by P. P., 85c.). 1 inch, 8c. per doz.; 1/4 lb., 30c.; \$1.00 per lb. (bu P. P., \$1.10).



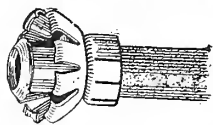
Cooper Hose Mender

### HOSE MENDERS

If wanted by Parcel Post, add 10c. per doz. for postage.

	Each	Doz.
Cooper's 3/4-inch.....	\$0.12	\$1.10
Cooper's 5/8-inch.....	.12	1.10
Cooper's 1/2-inch.....	.12	1.10
Jones Iron, 3/4-inch.....	.12	1.10

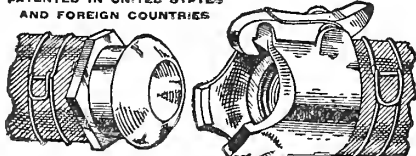
### PERFECT HOSE MENDERS



Made entirely of brass, with swivel motion—no band required.

For 1/2-inch and 3/4-inch hose, 15c. each; doz., \$1.50 (by P. P., \$1.65.).

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



No. 2 Snap Coupling

No. 1 Snap Coupling

### SNAP HOSE COUPLINGS

These couple hose instantly, work on a spring, and are water-tight. 35c. per pair; doz. pairs \$3.75 (by P. P., \$4.00). Washers, 25c. per doz.

### SNAP COUPLING PARTS

No. 2. Male. 15c. each; per doz., \$1.70 (by P. P., \$1.85).
No. 1. Female. 25c. each; per doz., \$2.50 (by P. P., \$2.65).

### HOSE BANDS

For fastening couplings and menders.

#### CALDWELL'S

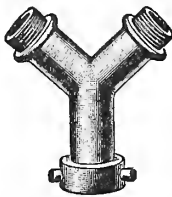
If wanted by Parcel Post, add 15c. per gross for postage.

No.	Doz.	Gross
8. For 4-ply hose.....	\$0.40	\$3.50
6. For 3-ply hose.....	.40	3.50

#### SURE GRIP

Can be furnished in 1/2-inch, and 3/4-inch, either size, 5c. each; doz., 45c. (by P. P., 55c.).

### No. 68. SIAMESE HOSE CONNECTION

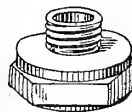


This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 85c. each (by P. P., 95c.).

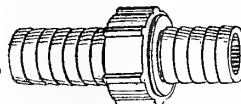
### HOSE REDUCERS

For reducing 1-in. pipe to fit regular 3/4-in. hose.

Each, 70c. (by P. P., 80c.).



### HOSE COUPLINGS



If wanted by Parcel Post, add 20c. per doz. for postage.

	Pair	Doz.
Plain Brass (see cut).... 1/2 inch	\$0.25	\$2.25
Plain Brass..... 3/4 inch	.25	2.25

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose; no band required; for 1/2- and 3/4-inch hose; mention which is wanted when ordering. 35c. per pair; doz., \$3.75.

### ACME HOSE COUPLINGS

For quickly connecting and detaching hose.

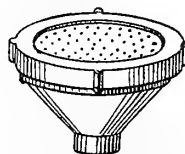
No. 3 part, for attaching to spigot, 30c. each; doz., \$3.00 (by P. P., \$3.15).

No. 4 part, for attaching to hose, 50c. each; doz., \$5.00 (by P. P., \$5.25).

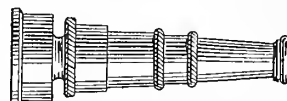
Couplings complete, consisting of one No. 3 and one No. 4 part, 80c. each; per doz., \$8.00 (by P. P., \$8.25).

### BINKS NOZZLE

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$3.00 each; worth twice the price (by P. P., \$3.15).



### PERFECTION HOSE NOZZLE



3/4-inch hose. Can be regulated to give three different streams. Price, 75c. (by P. P., 85c.).

### WIRT'S REEL

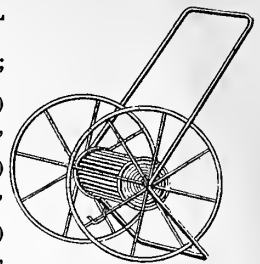
(All Iron)

Indestructible; light in weight.

No. 10. Holds 100 ft. of 3/4-in. hose, \$6.00.

No. 20. Holds 150 ft. of 3/4-in. hose, \$6.50.

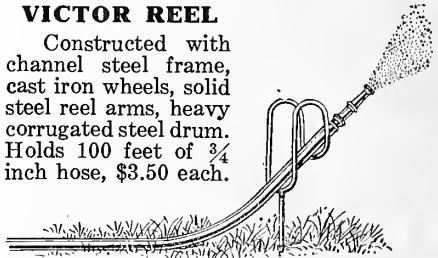
No. 30. Holds 400 ft. of 3/4-in. hose, \$9.00.



Wirt's Reel

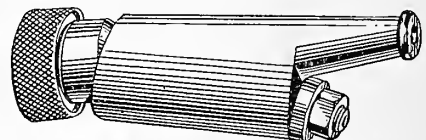
### VICTOR REEL

Constructed with channel steel frame, cast iron wheels, solid steel reel arms, heavy corrugated steel drum. Holds 100 feet of 3/4 inch hose, \$3.50 each.



### NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 20c. each (by P. P., 30c.).



### RAIN KING NOZZLE

Wear-proof, leak-proof and guaranteed; adjustable from a long, solid stream to the finest mist spray. \$1.50 each (by parcel post, \$1.60).

### RAINBOW NOZZLE

Makes a full stream or fine spray, which can be changed by a slight turn of the finger; positive shut off; no leaks; nothing to wear out. Price, \$1.00 (by P. P., \$1.10).



Two Purpose

### TWO PURPOSE NOZZLE

A combination hose nozzle and garden spray; gives any desired spray from a fine mist to a powerful compact stream. \$2.00 each (by P. P., \$2.15).

### MISCELLANEOUS NOZZLES

	Price By P.P.
Boston, Light Copper.....	\$1.35 \$1.45
Boston, Heavy Brass.....	1.35 1.50

**Champion.** A dandy nozzle for greenhouse use; makes a spray or a solid stream; easily adjusted. 55c. each (by P. P., 65c.).

### HYDRANT ATTACHMENTS

For attaching hose to smooth faucets.

No. 2. For small spigot, 60c. (by P. P., 70c.).

No. 3. For large or standard spigot, 65c. (by P. P., 75c.).



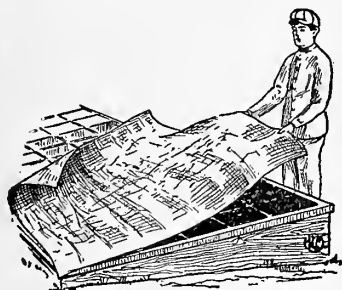
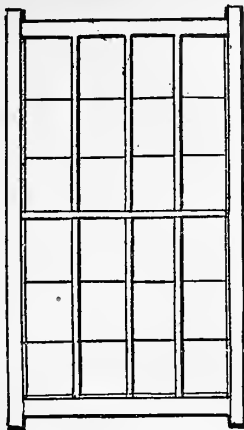
## HOT BED SASH

**Philadelphia Style.** Made of best quality cypress. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick. Plain, not glazed or painted. Each, \$4.25.

Glazed, including painting and puttying. Each, \$8.50.

**Sunlight Style.** Plain, unglazed. Each, \$5.25. Glazed and painted. Each, \$13.25.

**Crating Charges** on all Glazed Sash, 50c. per sash additional.



## HOTBED MATS

Hotbed mats keep frost and severe cold out of frames. They mean earlier and bigger crops. The Burlap style are the best mats that it is possible to procure. They are padded with shoddy and are practically indestructible.

If Burlap Hot Bed Mats are wanted by P. P., add 25c. per mat for postage.

**Burlap, Non Waterproof.** 76 x 76 inches, covering two regular size sash. Each, \$3.75; \$38.50 per doz.

**Burlap, Non Waterproof.** 40 x 76 inches, for one sash. Each, \$2.50; \$26.50 per doz.

**Burlap one side, Waterproof Drill one side.** 76 x 76 inches. \$5.25 each; doz., \$57.50.

**Burlap one side, Waterproof Drill one side,** 40 x 76 inches. \$3.25 each; doz., \$33.00.

**Straw Mats.** 3 x 6 feet. Each \$2.25

**Straw Mats.** 6 x 6 feet. Each 3.75

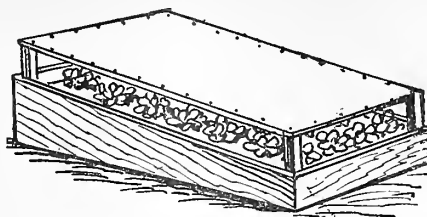
Special size Hotbed Mats to order; any length, but only in 76-inch widths. 15c. per sq. ft.

## JONES' POT BRACKET

No. 1. Holds 5-inch pot. Each, 60c. (by P. P., 70c.).

No. 2. Holds 6-inch pot. Each 70c. (by P. P., 80c.).

No. 3. Holds 7-inch pot. Each, 85c. (by P. P., 95c.).



Shading or Protecting Cloth

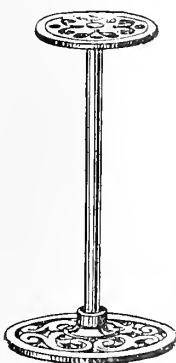
## SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation. Made of brown cloth.

	Yards	Price	Price
	Per piece	Per yard	Per piece
Light.....	60	\$0.20	\$11.40
Medium.....	50	.25	12.00
Heavy.....	40	.35	13.20

## ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery Paper.....	500	\$1.75
Marley Rubber Roofing, 1-ply.108		2.50
Marley Rubber Roofing, 2-ply.108		3.30
Marley Rubber Roofing, 3-ply.108		3.50
Caps for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).		
Nails for paper. 1 lb., 12c. (by parcel post, 22c.); 5 lbs., 55c. (by parcel post, 75c.).		



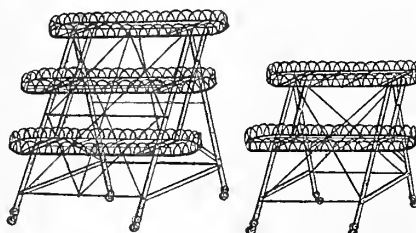
## IRON PLANT STANDS

Enameled green.

In.	Size of Plates	Each
12	5 x 7.....	\$1.50
18	5 x 7.....	1.75
24	8 x 10½.....	2.50
30	8 x 10½.....	2.75
36	8 x 10½.....	2.85
42	8 x 10½.....	2.90
48	8 x 12.....	3.00
60	8 x 12.....	3.50
72	8 x 12.....	3.60

## EXTRA PLATES FOR IRON STANDS

	Each	Each
5 inch.....	\$0.45	8 inch..... \$0.60
7 inch.....	.50	10½ inch..... .80
12 inch, each.....	\$0.95	

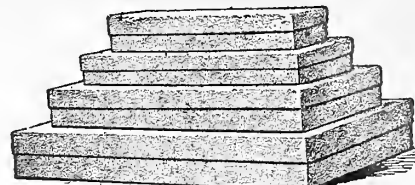


Jones Plant Stands

## WIRE PLANT STANDS

Painted dark green and finished in bronze. Very substantial and will carry most any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

Jones, 2 shelf. \$5.00 | Jones, 3 shelf. \$6.00



## CUT FLOWER BOXES CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences, very durable.

	Each	Doz.
48 x 14 x 8 inch.....	\$0.65	\$6.50
42 x 14 x 8 inch.....	.60	6.00
36 x 14 x 6 inch.....	.55	5.50
30 x 12 x 6 inch.....	.45	4.50
24 x 8 x 5 inch.....	.40	4.00

## LIGHT WEIGHT PAPER

Mist green, lined white inside. The sizes, offered in this finish are carried in stock, other sizes in this finish, also in manila, mist tan and oxford gray can be supplied on short notice.

L.	W.	D.	Doz.	By P.P.	100
18 x 5 x 3 inch.....			\$0.70	\$0.85	\$5.00
24 x 5 x 3½ inch.....			1.10	1.25	7.00
24 x 8 x 4 inch.....			1.30	1.50	9.25
28 x 8 x 5 inch.....			2.00	2.25	13.00
30 x 10 x 6 inch.....			2.25	2.60	16.50
30 x 12 x 7 inch.....			3.00	3.35	22.00
36 x 8 x 5 inch.....			2.25	2.50	16.50

We can also supply other sizes and styles of boxes.

If wanted by Parcel Post, add 15c. per doz. for postage.

## PAPER FOR WRAPPING BOXES AND FLOWERS

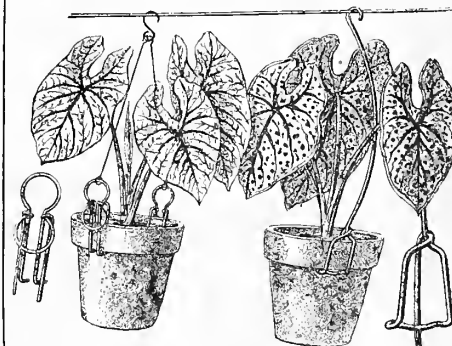
	Lb.	½ Rm.	Rm.
Manila. For wrapping..	\$0.20	\$2.25	\$4.00
Manilla. Tissue.....	.25	1.15	2.00
Wax. White, 24 x 36 in..	.35	1.65	3.25
Wax. Green, 24 x 36 in..	.40	2.00	3.50

## CREPE PAPER

(Waterproof)

For making pot covers; colors, green, red and lavender, 50c. per roll.

If wanted by Parcel Post, add 10c. per roll for postage.



## Krick's Eureka POT HANGERS

If wanted by Parcel Post, add 10c. per doz. for postage.

Krick's No. 1. For 3- to 5-in. pots..... \$0.07 \$0.75

Krick's No. 2. For 6- and 7-in. pots..... .08 .85

Krick's No. 3. For 8- to 10-in. pots..... .09 .95

Eureka. Suitable for any size pot up to 8 inches. Made of galvanized wire. 15 inches long. 20c. each; doz., \$2.00 (by P. P., \$2.20); \$12.50 per 100.

# MICHELL'S PLANT STAKES, WIRE, ETC.

## PLANT STAKES

### No. 10 Steel Wire, Galvanized

	Doz.	100	1000		Doz.	100	1000
2 foot....	\$0.25	\$1.25	\$8.10	4 foot....	\$0.50	\$2.50	\$15.90
2½ " ....	.30	1.60	9.70	4½ " ....	.55	2.75	17.70
3 " ....	.40	2.00	11.80	5 " ....	.65	3.00	19.70
3½ " ....	.45	2.25	13.70	6 " ....	.85	3.50	21.60

### No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000		Doz.	100	1000
2 foot....	\$0.30	\$1.60	\$11.40	4 foot....	\$0.60	\$3.25	\$22.70
2½ " ....	.40	2.00	14.20	4½ " ....	.65	3.50	25.50
3 " ....	.50	2.25	17.00	5 " ....	.70	3.75	28.30
3½ " ....	.55	3.00	19.90	6 " ....	.95	4.75	34.00

### GREEN PAINTED TAPERING PLANT STAKES

	Each	Doz.	100		Each	Doz.	100
1½ foot....	\$0.04	\$0.35	\$2.10	3½ foot....	\$0.11	\$1.15	\$9.00
2 " ....	.06	.55	3.75	4 " ....	.13	1.40	10.50
2½ " ....	.07	.75	5.50	5 " ....	.16	1.85	12.50
3 " ....	.10	1.00	7.00				

### GREEN PAINTED ROSE OR DAHLIA STAKES

	Each	Doz.	100		Each	Doz.	100
3 foot....	\$0.13	\$1.44	\$11.00	5 foot....	\$0.22	\$2.50	\$19.00
3½ " ....	.15	1.66	13.00	6 " ....	.27	3.10	23.00
4 " ....	.17	1.92	15.00				

### SQUARE PAINTED PLANT STAKES

	Each	Doz.	100		Each	Doz.	100
1½ foot....	\$0.04	\$0.35	\$2.10	3½ foot....	\$0.12	\$1.15	\$8.50
2 " ....	.05	.55	3.25	4 " ....	.15	1.40	9.75
2½ " ....	.07	.70	4.50	5 " ....	.20	2.00	14.00
3 " ....	.11	1.08	7.50	6 " ....	.25	2.50	16.50

### HYACINTH STAKES (Wood) Dyed Green

Used for staking hyacinths, tulips and slender plants. If wanted by parcel post, add 5c. per doz., 10c. per 100 and 25c. per 1000 for postage.

	Doz.	100	1000
5 inch.....	\$0.05	\$0.25	\$1.50
12 " .....	.07	.35	2.50
18 " .....	.10	.45	3.50

### JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	Doz.	100	500	1000
1½ Green.....	\$0.15	\$0.75	\$3.25	\$5.00
2 " .....	.20	1.00	4.00	7.50
2½ " .....	.25	1.25	4.50	8.50
3 " .....	.35	1.40	5.00	9.00
3½ " .....	.35	1.75	6.00	10.00
4 " .....	.40	2.00	7.00	12.00
5 " .....	.50	2.25	7.50	14.00
6 Natural.....	.40	2.00	6.50	12.50

### WIRE STAKE TIE

(Buschardt's)

For fastening plants to stakes, either wire or wood; can be used many times.

100 ties in pkg. Price, \$2.50 (by P. P., \$2.75).

### STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

If wanted by Parcel Post, add 10c. per 500; 20c. per 1000 for postage.

	500	1000
Everlasting Style, heavy.....	\$2.00	\$3.50
Eureka Style, light.....	1.60	3.00

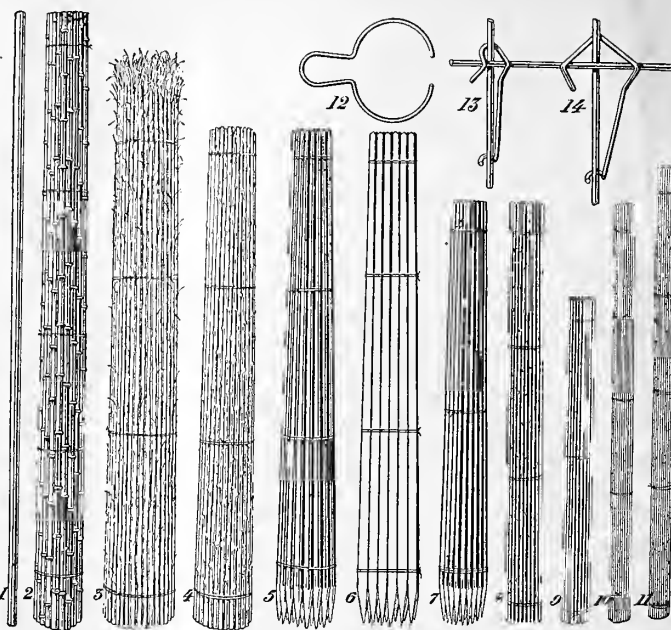
### BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

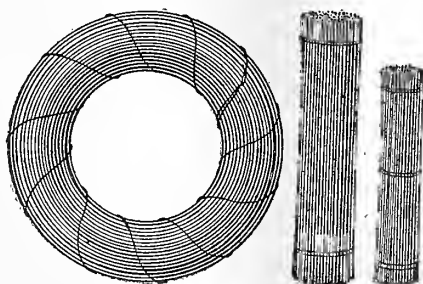
	Each	Doz.	100
16 feet long.....	\$0.35	\$3.50	\$22.50
18 feet long.....	.45	4.50	27.50
20 feet long.....	.50	5.00	32.50

### Poles (Wood)

12 feet long, 1¼ inch diam.....	\$2.75
14 feet long, 1½ inch diam.....	3.00



Key to above illustration: No. 1, Pole for Pruners; No. 2, Bamboo Poles; No. 3, Southern Cane; No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10 wire; No. 11, Galvanized Wire, No. 8, wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.



### WIRE

If wanted by parcel post, add 10c. per lb.; 30c. per 12 lbs., for postage.

	Lb.	Stone
No. 16. Galvanized.....	\$0.20	\$2.00
No. 18. Galvanized.....	.22	2.10
No. 19. Galvanized.....	.24	2.25
No. 20. Galvanized.....	.26	2.35
No. 22. Galvanized.....	.28	2.40
No. 16. Annealed.....	.18	1.60
No. 18. Annealed.....	.20	1.75
No. 20. Annealed.....	.24	1.85
No. 22. Annealed.....	.26	2.00
No. 24. Annealed.....	.28	2.10

### TINNED WIRE

Used for bunching celery, etc.

No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb. (by P. P., 40c.); per box, \$2.50 (by P. P., \$2.80).

### CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.

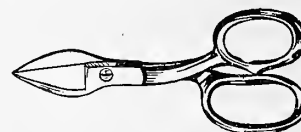
If wanted by parcel post, add 10c. per lb., 30c. per 12 lbs. for postage.

No. 20, 25c. per lb.; per box, 12 lbs...	\$2.25
No. 22, 30c. per lb.; per box, 12 lbs...	2.50
No. 24, 35c. per lb.; per box, 12 lbs...	3.00

### CHINESE TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

	Doz.	100
4 feet high, ⅜ inch diameter...	\$0.60	\$3.50
6 feet high, ⅝ to ¾ inch diam.	1.25	9.00



### WIRE AND TIN SHEARS

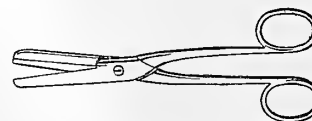
If wanted by Parcel Post, add 10c. each for postage.

No. 833. 7½ inch, used for cut flower wire, etc.....\$1.10

No. 832. 8 inch, used for cut flower wire, etc..... 1.15

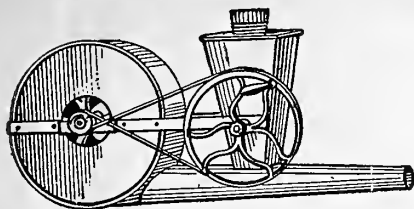
No. 12. 8 inch for heavy wire and tin.. 1.35

No. 10. 10 inch for heavy wire and tin. 1.75



### FLOWER SCISSORS

No. 1922. Cuts flowers and holds the stem. Price, \$1.75 (by P. P., \$1.85).



## SULPHUR BLOWER

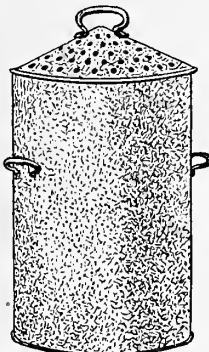
For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to it. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$8.00 (by P. P. \$8.50).

## VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 80c. each (by P. P., 90c.).



Vaporizing Lamp



Perfection Fumigator

## FUMIGATORS

### Perfection Make

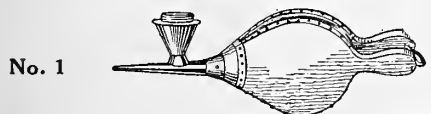
Fitted with a water tank to prevent burning out.

No. 1 for house 12 x 40 ft.....	\$7.00
No. 2 for house 14 x 100 ft.....	8.50
No. 3 for house 20 x 100 ft.....	11.50
No. 5 for house 20 x 150 ft.....	17.50

### Eureka Make

No. 1 for house 10 x 20 ft.....	\$5.25
No. 2 for house 12 x 40 ft.....	6.25
No. 3 for house 15 x 100 ft.....	7.00
No. 4 for house 20 x 100 ft.....	8.00

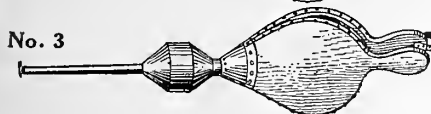
## WOODASON HAND BELLOWS



No. 1



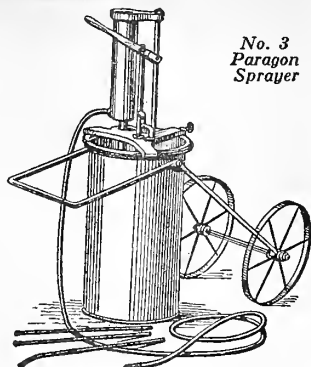
No. 2



No. 3

Price By P.P.

No. 3. Large double cone.....	\$6.75	\$7.00
Large single cone.....	4.75	5.00
No. 1. Small single cone.....	3.25	3.50
No. 2. Sulphur bellows.....	4.00	4.25


No. 3  
Paragon  
Sprayer

## THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

No. 0. Capacity, 3 gallons; equipped with 4 ft. of hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$12.50.

No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$17.50.

No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$25.00. Without truck, \$21.50. We can also supply this sprayer with single wheel at same price.

No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles, 25-gal. barrel, complete, \$39.50.

No. 5. Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, one 10-ft. iron extension pipe, one 3-way nozzle and 1 single spray nozzle, no truck, \$45.00.

Bucket Washers for Paragon Sprayers, 30c.

We can also supply parts for Paragon Sprayers; price list on application.

## AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity four gallons; pressure capacity, 40 lbs. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same.



No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$9.00 (by P. P., \$9.35).

No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop, \$6.00 (by P. P., \$6.35).

Auto Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, plain, \$2.00 each (by P. P., \$2.10). \$2.50 complete with hose (by P. P., \$2.65).

## GOULD'S FRUITALL BARREL PUMP. Fig. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. 2-in. diameter cylinder, bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$12.00.

Outfit C.—With agitator, one 15 ft. lead of ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$18.00.

Outfit D.—With agitator, two 15 ft. leads of ½ in. spray hose and two Mistry Jr. nozzles (no barrel), \$24.50.

Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.

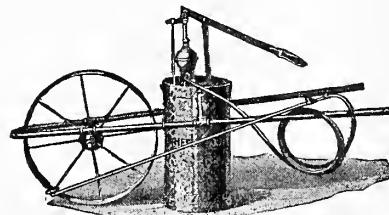
## GOULD'S POMONA BARREL PUMP. Fig. 1100

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, 2½ in. diam. cylinder only, \$22.00.

Outfit C.—With one 15 ft. section ½ in. spray hose and one Mistry Jr. nozzle (no barrel), \$27.50.

Outfit D.—With two 15 ft. section ½ in. spray hose and two Mistry Jr. nozzles, \$33.50 each.

Barrels for holding spray solution, 50 gal. capacity, \$6.00 each.

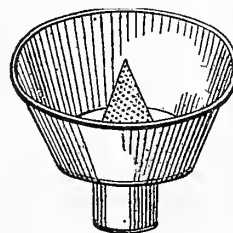


## DEMING WHEELBARROW SPRAYER

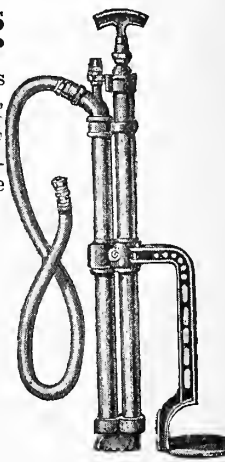
A machine that is nicely balanced and easily transported. Extreme width 18 inches; narrow enough to go through the aisles of a greenhouse, 24 in. wheel with a 3 inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. hose, 4 ft. extension pole, nozzle and shut off valve. Price, \$33.00.

## No. 327½ MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium priced sprayer. Price, \$5.00, including hose and nozzle (by P. P., \$5.25).



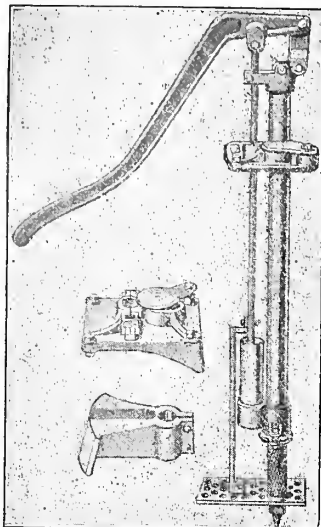
Strainer



Myer's Pump

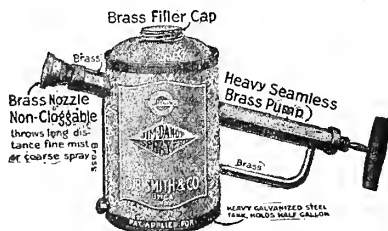
## COPPER STRAINER

For straining whitewash, spraying material, etc., to use with Auto Spray, \$1.50 each (by P. P., \$1.65).



### SPRAYRITE HAND BARREL PUMP

All metal agitator; all brass valve; solid brass pump; strong in construction and designed for ease of operation.  
No. 72. With clamp to fasten to head of barrel.....\$13.00  
No. 720. With clamp, also 15 feet special spray hose and three spray nozzles.....\$18.00



### JIM DANDY HAND SPRAYER

Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Price, \$3.50 (by P. P., \$3.70).



### AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered; very easily operated; especially desirable for ladies' use. Tin, each \$1.00 (by P. P., \$1.15); Brass, each, \$2.00 (by P. P., \$2.15).

### CYCLONE HAND SPRAYER

Similar to the above, except they do not have the automatic air reservoir attachment.

No. 112, Tin, large, 50c. (by P. P., 60c.);  
No. 114, Brass, \$1.00 (by P. P., \$1.10).

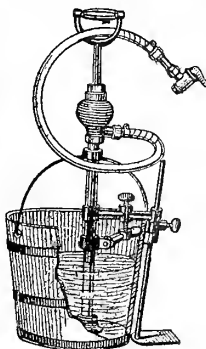
Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



### VERMOREL KNAPSACK SPRAYER

A new copper knapsack sprayer which works on a compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not satisfactory it may be returned at our expense. Price, \$22.50 (by P. P., \$23.25).

### BUCKET SPRAY PUMP



These are made entirely of brass, except the foot rest and hand grip. The prices below do not include bucket, but include nozzle and  $\frac{3}{4}$  feet of  $\frac{3}{8}$ -in. hose.

No. 256. Success (without bucket fastener), \$7.75 (by P. P., \$8.25).

No. 689. Perfect Success (with bucket fastener), \$8.25 (by P. P., \$8.75).

### DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery and tree work, etc.  
Fig. 675. Copper tank, holding about 5 gals., complete with pump, nozzle and hose, \$22.00 (by P. P., \$22.50).

Fig. 654. Galvanized tank, holding about 5 gals., complete with pump, nozzle and hose, \$15.50 (by P. P., \$16.00).

### EXTENSION PIPES, ETC.

For reaching into trees;  $\frac{3}{8}$  inch threads.  
Bamboo, aluminum tube; 10 feet....\$4.50  
Bamboo, aluminum tube; 12 feet.... 4.75  
Galv. Iron, 2 ft. (by P. P., 60c.)..... .50  
Brass, 2 ft. (by P. P., 75c.)..... .65  
Pet Cock, for Extension pipes..... 1.25  
Paragon Extension, 2  $\frac{1}{2}$  ft., 60c. each (by P. P., 70c.).

A complete line of Insect Destroyers will be found on page 68.

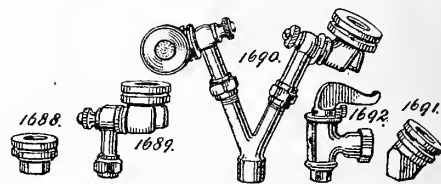
### THE MISTO BOTTLE SPRAYER

An ideal sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip; so simple in design it will last forever; nothing to get out of order; made of metal, nicely nicked; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price, without bottle, \$1.00 (by parcel post, \$1.15).



### HEAVY BRASS SYRINGES

No.	Diam.	Length	Price	By P.P.
99.	1 $\frac{1}{2}$ in.	18 in.	1 spray. \$3.75	\$4.00
101.	1 $\frac{1}{4}$ in.	14 in.	2 sprays. 4.25	4.50
101A.	1 $\frac{1}{2}$ in.	16 in.	2 sprays. 5.00	5.25
110.	1 $\frac{3}{4}$ in.	20 in.	2 sprays. 10.50	10.75
120.	1 $\frac{3}{4}$ in.	20 in.	Adjustable. 11.00	11.25



### SPRAY NOZZLES ( $\frac{3}{8}$ -in. Thread)

If wanted by parcel post, add 10c. each for postage.

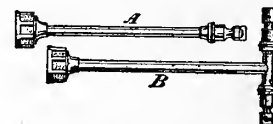
Mistry, Jr., Fig. 1688, Straight style..\$1.20  
Mistry, Jr., Fig. 1691, Elbow style.... 1.20

Mistry, Fig. 1689, Single nozzle, adjustable angle..... 1.65

Mistry, Fig. 1690, Double nozzle, adjustable angle..... 3.75

Bordeaux Nozzle, Fig. 1692, each.... 1.15

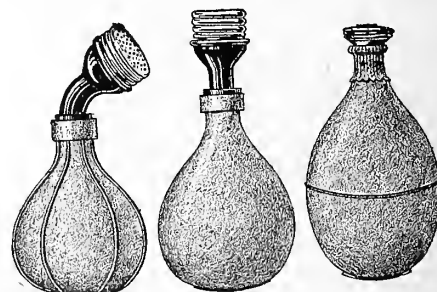
If nozzles are wanted for  $\frac{3}{4}$ -in. hose connections, add 70c. to above prices for Fig. 966 combination.



### STOTT'S SPRAY NOZZLES

Splendid for spraying underneath foliage.

	By P.P.
Single.....	\$1.65 \$1.75
Double.....	2.75 2.85



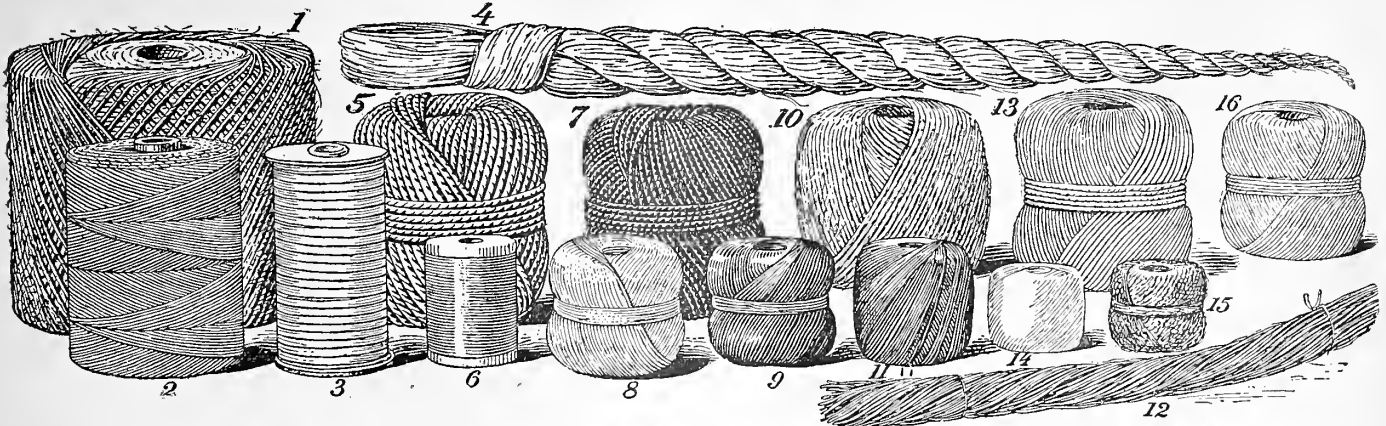
### RUBBER SPRINKLERS

Spraywell style in either straight or crook neck.

1. Spraywell Style. 6 oz. capacity...\$0.85
2. Spraywell Style. 8 oz. capacity... 1.00
3. Spraywell Style. 10 oz. capacity... 1.15
1. Scollay. 10 oz. capacity..... 1.40

If wanted by parcel post add 10c. each.





Key to above illustrations. No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, Medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, Heavy.

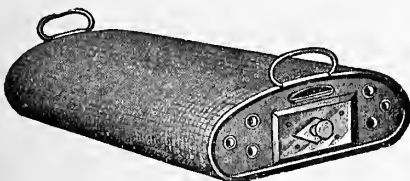
## TWINES, ETC.

If wanted by parcel post, add 10c. per lb., for postage. Ball Lb.

No. 108. White Cayuga, Medium.....	\$0.40	\$0.80
No. 208. White Cayuga, Heavy.....	.40	.80
Jute, 2-ply and 3-ply.....	.18	.30
Linen Bouquet.....	.15	.80
Green Sea Island.....	.15	.85
No. 4 1/2. Japanese Twine, Medium heavy.....	.35	
White Cotton, 3-ply.....	.15	.70
Peerless. Color, Nile green....		.90
Tarred. For mat making.....	.35	
Tarred Sisal. For fodder....		.17
Binder.....		.22
Express. Very heavy.....	.30	
Green Silkaline. For stringing Smilax and Asparagus, etc. F, fine; FF, medium; FFF, coarse. 35c. per spool; per lb. (8 spools), \$2.60 (by P. P., \$2.75).		
Smilax Twine (Silkaline Substitute). Very similar to the above; fast color. Price, 25c. per spool; per lb., \$1.50 (by P. P., \$1.65).		

## RAFFIA

For tying, basket making and fancy work; very long and fibrous.  
**Natural Color**, 25c. per lb. (by P. P., 40c.); 5 lbs., \$1.20.  
**Green**, 65c. per lb. (by P. P., 80c.); 5 lbs., \$3.00.



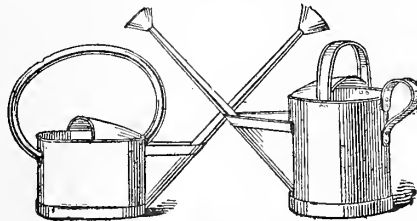
## AUTOMOBILE HEATERS

These will keep the temperature very comfortable in closed vehicle during the severest weather.

No. O. Single drawer, plain, 14 in. long. \$3.25 each (by parcel post, \$3.50).  
 No. 7B. 20-in., single drawer, covered with Brussels carpet. \$5.50 each (by parcel post, \$5.75).  
 No. 10. Three drawers. \$9.00 each (by parcel post, \$9.50).  
 Coal for automobile heaters. \$1.25 per doz. (by parcel post, \$1.40); per 100 bricks, \$8.50.

## RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about 1/8 inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Per bolt of 250 yards, 90c. (by P. P., \$1.00).



## WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years

Each Wotherspoon can comes equipped with two roses, one coarse and one fine. If wanted by parcel post, add 35c. each for postage.

	Round	Oval
4 quart.....	\$4.70	
6 quart.....	5.00	\$5.95
8 quart.....	5.65	6.25
10 quart.....	6.25	6.90
12 quart.....	6.60	7.20
16 quart.....	7.20	8.15
4 quart Fern or Low Watering Can.....	3.75	

## EXTRA ROSES OR SPRAYS

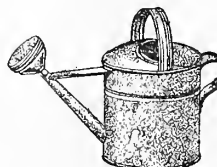
For Wotherspoon Watering Can, either coarse or fine, 60c. each (by P. P., 70c.).

## IRON CLAD WATER CANS

Made of light galvanized iron.

4 quart.....	\$1.00
6 quart.....	1.10
8 quart.....	1.25
10 quart.....	1.40
12 quart.....	1.50
16 quart.....	2.10

If Iron Clad Water Cans are wanted by Parcel Post, add 25c. each for postage.



Iron Clad

## RUBBER APRONS

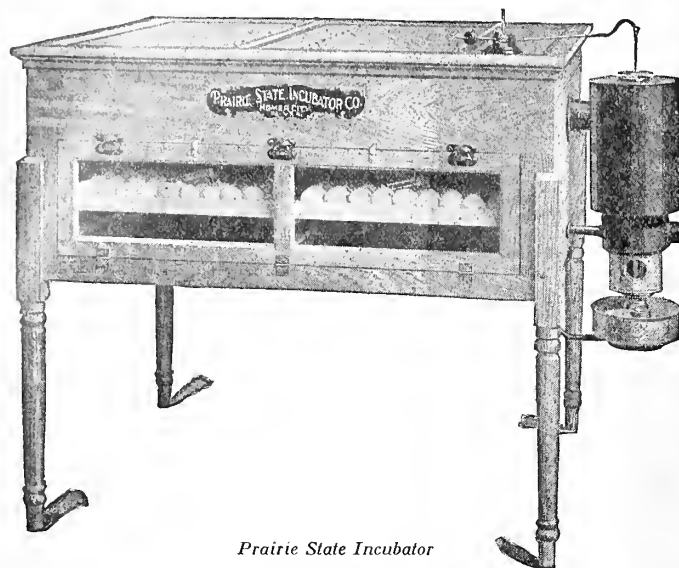
For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, \$2.25.

Parcel Post charges cover postage and special packing required.

## SUNDRIES

**Bulb Fibre.** Qt., 15c.; 45c. per 1/2 pk.; pk., 75c.; \$1.25 per 1/2 bu.; bu., \$2.00.  
**Bull Dog Clips.** For fastening packages, etc., \$1.25 per box (by P. P., \$1.40).  
**Carnation Bands (Rubber).** For mending bursted calyx. 30c. per oz.; 1/4 lb., \$1.00.  
**Carnation Clips (Bawrs).** For mending carnations. \$1.00 per 1000 (by P. P., \$1.10).  
**Carnation Staples (Wire).** 50c. per 1000.  
**Celery Tape.** Fast red, in 1000-yard spools, \$5.25.  
**Charcoal (Lump).** For use in potting. Pk., 65c.; \$1.50 per bu.; bbl. sack, \$2.25.  
**Charcoal (Ground).** Coarse, fine and powdered. Per lb., 8c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 100 lbs., \$4.00.  
**Glass Cleaner.** \$2.75 gal.; 5 gals., \$11.00.  
**Grafting Wax.** 1/4 lb., 15c.; 25c. per 1/2 lb. (by P. P., 35c.); lb., 45c. (by P. P., 55c.).  
**Moss (Green Lump).** Pk., 60c.; \$1.75 per bu.; bbl. bag, \$3.25.  
**Moss (Green Sheet).** 1/2 pk., 40c.; 70c. per pk.; bu., \$2.00; \$3.50 per sack.  
**Moss (Sphagnum, dry).** Bbl. bags, \$1.50; \$4.50 per large bale.  
**Moss (Sphagnum, live).** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.  
**Peat or Leaf Mould.** Pk., 50c.; \$1.50 per bu.; bbl., \$3.25.  
**Peat (Orchid).** Pk., 75c.; \$1.75 per bu.; bbl. bag, \$3.50.  
**Pebbles.** Qt., 10c.; 75c. per pk.; bu., \$2.50; \$5.00 per bbl. sack.  
**Pruning Compound.** Per qt., 85c.; \$2.50 per gal.  
**Sand.** For propagating. Per qt., 10c.; 40c. per pk.; bu., \$1.40; \$3.00 per bbl. sack.  
**Shaderine.** For shading greenhouse glass. 5 lbs., \$1.25; \$2.50 per 10 lb. can.  
**Soil.** For potting. Qt., 10c.; 25c. per 1/2 pk.; pk., 40c.; \$1.50 per bu.; bbl., \$3.25.  
**Tin Foil (Plain).** In 5- and 6-inch widths. 1-lb. pkgs., 30c.; 5 lbs. for \$1.40; 5-inch width in 5-lb. rolls, \$1.40. Green or violet in 1-lb. pkgs., 60c. per lb.  
**Toothpicks.** Wired. 50c. per 1000; 10,000, \$3.50.  
**Toothpicks.** 4-inch, wired, green; per 1000, \$1.00; \$3.75 per 4,500.  
**Toothpicks.** 6-inch, wired, green; per 1000, \$1.20; \$3.30 per 3000.  
**Tree Paint (Target Brand).** Qt., 85c.; \$2.50 per gal.  
**Weed Killer.** Qt., 55c.; 90c. per 1/2 gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.  
**Zementine.** For whitewashing and shading. 2 lbs., 45c.

# MICHELL'S RELIABLE POULTRY SUPPLIES



*Prairie State Incubator*

## PRAIRIE STATE INCUBATORS

The Prairie State Incubators have made good since the day of their introduction, which is many years ago; the improvements that have been added are the results of developments which experience has proven to be both practical and successful.

In the building, design and construction of the Prairie State Incubator, every known factor to the present time has been taken into consideration. All Prairie State Incubators are equipped with nurseries.

In shipping the heaters are crated separately, as their design and size make it more practical; also it does away with the possibility of the heater becoming injured in transit.

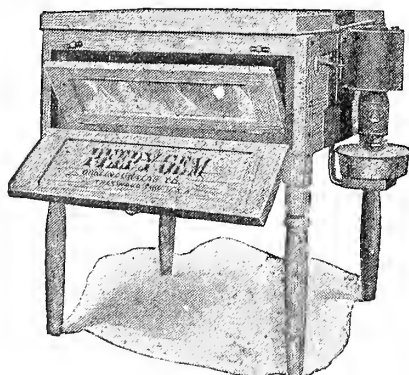
There are also many other improvements in the Prairie State Incubator that a study of the Prairie State Catalog and a close inspection of the machine itself, if possible, will best reveal.

The Prairie State has the diffusive air circulation system and sand tray moisture feature and is as faultless as it is possible to make incubators.

Oil consumption per hour with outside temperature at 60° and incubator temperature at 103° per 24 hours.

		Hen Egg Capacity	Duck Egg Capacity	Price
No. 0.	Diffusive style.. $\frac{3}{4}$ pt.	100	75	\$30.00
No. 1.	Diffusive style.. 1 pt.	150	100	37.50
No. 2.	Diffusive style.. $1\frac{1}{2}$ pts.	240	200	52.50
No. 3.	Diffusive style.. $1\frac{3}{4}$ pts.	390	300	67.50

Complete Catalog of Prairie State Incubators and Brooders free on request.



*Peeply Gem Incubator*

## PEEPLY GEM HOT WATER INCUBATOR

This is especially designed for the amateur or beginner. It is a wonderful value for the price charged. Very carefully made. Equipped with galvanized water heater and a sensitive thermostat. We can supply this in one size only, 50-egg capacity. Price, \$10.00.

## PRAIRIE STATE JR. COAL STOVE BROODER No. 1

The Junior is the result of an effort to put a moderately priced equipment in the hands of poultrymen who want a good Stove Brooder. It is compact in design, occupies small floor space and



is adaptable to every possible brooding condition. It is fitted not only for permanent installation, but is also portable, so that being installed in one house, after the brooding stage is passed it may be picked up and carried all intact to another house to begin with another flock. It is durable, substantial and low in cost of operation. The stove is solid cast iron, resting directly on its base without legs, there being no hot place under the stove possible for the chicks to reach. Designed for hard coal, but will burn soft coal also. The

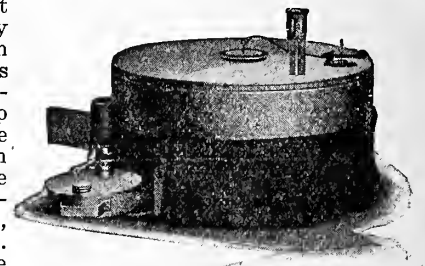
canopy is of galvanized sheet steel, hinged in center, giving ready access to stove when coaling. Regulator is powerful, sensitive, triple control, of wafer type, regulating temperature to a fraction of a degree, with all working parts under canopy and so protected. The device handles flocks of 250 to 1000 or more safely and is adaptable to permanent or portable brood houses. This brooder can be operated at a cost of from 7 to 14 cents per day for coal. Price, complete with equipment, \$25.00.

## PRAIRIE STATE JR. No. 0 COAL STOVE BROODER

The construction of this is similar to the Junior Coal Stove Brooder No. 1, excepting that it has a new design double control regulator instead of the triple control type. Capacity, 200 to 700 Chicks. Price, \$20.00.

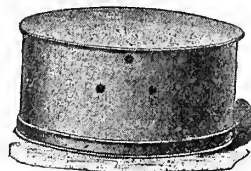
## PRAIRIE STATE JR. PORTABLE HOVER

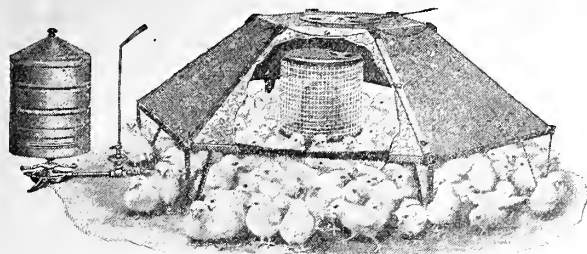
Combines all the essentials of the larger brooders in a style and size suited to the small producer or the fancier who wishes to raise small lots separately. While its size and capacity are equal to any other lamp brooder, yet it is light in weight and may be instantly moved from place to place. Heat is furnished by the Standard Prairie State Lamp set in the center of the hover, the warm, fresh air being diffused by the radiator under the galvanized steel hover top, down upon the chicks. Heat is controlled by the accurate regulator, and ventilation is assured by a perfect system of air flues. Curtain is of cotton duck; top of hover is insulated with mineral wool. Provides ample nursery space for 50 chicks. Price, \$10.00.



## LITTLE PUTNAM STOVE

This is used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather. The stove is nine inches in diameter and four inches high; made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of oil. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention; the wick never needs trimming. Price, \$2.50 (by P. P., \$2.65).





## NEW IMPROVED SOL-HOT BROODERS MORE NEW EXCLUSIVE FEATURES

Enclosing Screen and Fuel Economizer, Large Metal Oil Container, A Positive Oil Level, Direct Float Feed, Just-Rite Valve Control, Reduced Oil Consumption, Increased Heat Radiation, No Accumulation of Carbon, New Improved Canopy, Handy Filling Device.

Much depends on the way your chicks are mothered in the start. The Sol-Hot was designed to meet these requirements of the poultryman raising day-old chicks in any quantity from 50 to 1,000.

The Sol-Hot Enclosing Screen and Fuel Economizer is without doubt one of the greatest developments in oil burning Brooder equipment in recent years. It marks a new epoch in brooder efficiency, economy and dependability. It greatly reduces oil consumption, improves the flame, increases heating efficiency over 35%.

### THE SAFETY FEATURE

Of the Enclosing Screen and Fuel Economizer is a mighty valuable one. It gives absolutely the same safety of operation as if no flame were present in the heater. The saving in oil alone will go a long way on the purchase price of your brooder.

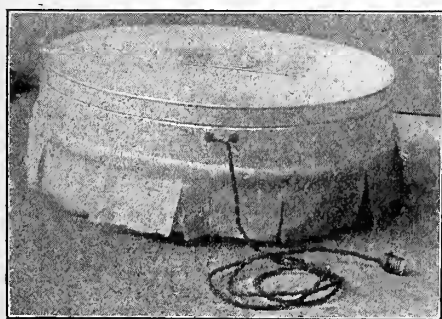
This new strong Safety Feature is regular equipment on all new 1925 Sol-Hot Brooders at no advance in cost over last season.

### PRICES

Baby, 20 inch Hover, broods 100 chicks .....	\$10.50
Standard, 34 inch Hover, broods 250 chicks .....	15.75
Standard, 44 inch Hover, broods 500 chicks .....	18.00
Standard, 54 inch Hover, broods 1000 chicks .....	20.00

Complete descriptive circular on Sol-Hot Brooders free on request.

## THE HOME ELECTRIC HOVER



An ideal hover for baby chicks. The New Home Electric Hover comes complete; all the operator has to do is to bolt on the three legs, insert necessary lamps, attach the extension cords to the nearest socket, switch on the current and the hover is ready for the chicks. Absolutely fireproof. Made entirely of galvanized iron, with

exception of double curtain suspended from the rim. Comes complete with three legs, necessary lamps and seven foot extension cord. Temperature easily regulated with aid of thermometer.

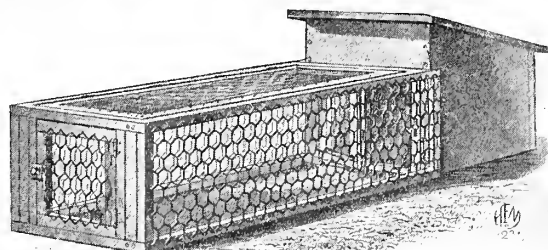
	Diam.	Chick Capacity	Price
No. 1 .....	18 in.	50	\$8.50
No. 2 .....	25 in.	125	12.00
No. 3 .....	35 in.	250	25.00



## SALT BRICKS

For dairy cows, horses and other animals. Essential to general good health in stables; fastened on the wall it is accessible at all times and remains clean. Per brick, 25c. (by P. P., 40c.); \$2.75 per dozen.

Salt Brick Holders, 50c. each (by P. P., 60c.); doz., \$5.00.



## FARM BROOD COOP

A big, roomy coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches in back. The roof is hinged. There is also a wire run 38 x 21 x 16 inches; the top of this is hinged also. Price, complete, \$6.25.



Norwich Automatic Air-Lock Fountain

## NORWICH AUTOMATIC AIR- LOCK FOUNTAIN

The most perfect device ever placed on the market for automatically supplying pure, fresh water in the poultry house. It is absolutely impossible to contaminate or pollute the water supply, and requires cleaning only about once in three months. Guaranteed frostproof to 10 degrees below zero, and has been operated at temperatures of fifteen and twenty below without being affected. Fitted with detachable cap, which is also used as a funnel for filling; removable oil chamber, heat generator, etc.

Made in one size only, 5 gallons capacity. Shipping weight, 15 lbs.

Complete, with burner base \$6.00  
Without burner base ..... 3.00  
Burner base only ..... 3.50

If wanted by parcel post, add 35c. each for postage.

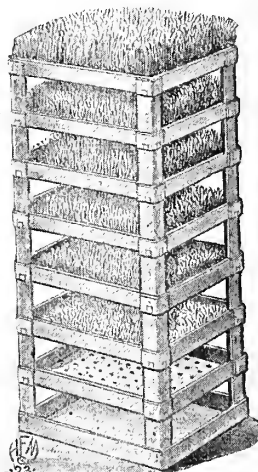
## COLLINS OAT SPROUTER

The most practical, quickest growing, perpetual, sectional and fireless Oat Sprouter. The Collins Sprouter is made in units, light individual pans, one pan for each day of the week and a drip pan at the bottom.

The production of eggs and the proper development of growing stock depend upon some form of "green stuff" something that is growing, that has life in it. The feeding of sprouted oats is no longer an experiment. Experience has proven time and again its value as a food for stimulating egg production. Oats sprouted in the right manner furnish food most nearly akin to the fresh green growth of spring time, the prolific laying time of the year.

No. 1—8 Pan, 11 x 15 inch .....	\$4.00
No. 2—5 Pan, 11 x 15 inch .....	3.00
No. 3—8 Pan, 11 x 32 inch .....	8.00

If wanted by parcel post, add 30c. each for postage.



### SPECIAL NOTE

We publish a complete Catalogue on Poultry Supplies which is free on application.



# MICHELL'S INSECT DESTROYERS, ETC.

**Ansecto Rose Bug Destroyer.** Per 4 oz., 30c.; \$1.00 per pt.; qt., \$1.75; \$6.00 per gal.

**Ant Destroyer** (*Mac Gregor's*). For exterminating ants, cockroaches, etc. Per ½ lb., 50c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 25 lbs., \$21.85; \$42.50 per 50 lbs.; 100 lbs., \$80.00.

**Aphine.** For destroying aphids, green fly, thrip, red spider, etc. ¼ pt., 30c.; 45c. per ½ pt. pt. 70c.; \$1.15 per qt.; gal., \$3.25.

**Aphis Pink.** A paper that has been thoroughly saturated with nicotine. For use in greenhouses only. Per pkg. of 12 sheets, \$1.00; \$9.50 per case of 12 pkgs.

**Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds. Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$2.75; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.50 per 100 lbs.

**Arsenate of Lead (Powdered).** Per ½ lb., 30c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.; 25 lbs., \$9.00; \$15.00 per 50 lbs.; 100 lbs., \$27.50.

**Beetol Spra.** For destroying the Japanese Beetle, Rose Bugs and other insects. Per pt., \$1.00; \$1.75 per qt.; ½ gal., \$3.00; \$5.00 per gal.; 5 gals., \$20.00; \$35.00 per 10 gals.; 30 gals., \$68.00; \$87.50 per 50 gals.

**Black Leaf 40.** Per 1 oz. bottle, 35c.; \$1.25 per ½ lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.

**Bordeaux Arsenate (Paste).** Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.

**Bordo Lead (Powdered).** Per ½ lb., 30c.; 50c. per lb.; 5 lbs., \$2.25; \$4.25 per 10 lbs.; 25 lbs., \$9.25; \$16.50 per 50 lbs.; 100 lbs., \$30.00.

**Bordeaux Mixture (Paste).** Used principally for mildew, blight and fungus diseases. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.00 per 25 lbs.; 50 lbs., \$9.00.

**Bordeaux Mixture (Dry Form).** Lb., 35c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 50 lbs., \$7.50; \$14.00 per 100 lbs.

**Bug Death.** Largely used instead of Paris Green. Per lb., 18c.; 45c. per 3 lbs.; 5 lbs., 75c.; \$1.50 per 12½ lbs.; 100 lbs., \$8.75.

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc. Per gal., \$1.50; \$7.00 per 5 gals.

**Clensel** (*Paterson's Concentrated*). A preparation for greenhouse and outdoor spraying for aphids, thrip, etc. Per pt., \$1.10; \$3.00 per ½ gal.; gal., \$5.00.

**Copper Solution.** Excellent spray for carnation rust and diseases of the grape, pear, apple, etc. Per qt., \$1.50; \$4.00 per gal.

**Cyanegg.** For generating Hydrocyanic Acid Gas. Per lb., 75c.; \$3.00 per 5 lbs.

**Cyanogas** (*Calcium Cyanide*). A valuable insecticide for greenhouse fumigation. Per lb., 60c.; \$2.50 per 5 lbs.; 25 lbs., \$10.00; \$30.00 per 100 lbs.

**Dalmatian or Persian Powder.** Per ¼ lb., 40c.; 65c. per ½ lb.; lb., \$1.25.

**Dy Sect.** An effective insecticide for destroying aphids, green fly, red spider, rose bugs, etc. Per 4 oz. bottle, 30c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; gal., \$6.00.

**Fish Oil Soap.** An excellent summer spray, where San Jose Scale exists. Per ½ lb., 15c.; 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$6.00 per 50 lbs.; \$10.50 per 100 lbs.

**Fish Oil Soap** (*Good's Caustic*). Lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$1.85; \$3.75 per 25 lbs.; 50 lbs., \$6.00; \$10.50 per 100 lbs.

**Fish Oil Soap** (*Rosin*). Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$4.50; \$7.50 per 50 lbs.; 100 lbs., \$13.00.

**Fungicide** (*Zenke's*). For various forms of fungus diseases. Per ½ pt., 30c.; 50c. per pt.; qt., 90c.; \$1.75 per ½ gal.; gal., \$3.00.

**Fungitrogen.** Will conquer mildew and control black spot on roses. 75c. per ½ pt.; pt., \$1.25; \$2.00 per qt.; ½ gal., \$3.50; \$6.00 per gal.

**Getz There Soap.** For washing palms, etc. Per 2 lbs., 65c.; \$1.75 for 8 lbs.; 25 lbs., \$5.00.

**Grape Dust.** A powder preparation used for mildew, aphids, black fly and other insect and fungous diseases, principally in greenhouse. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.

**Hellebore.** For destroying rose bugs, currant worms, etc. Per ¼ lb., 20c.; 35c. per ½ lb.; lb., 60c.; \$2.75 per 5 lbs.

**I X L Compound.** An English preparation for spraying. Kills mealy bug, red spider and all insect pests. Per gal., \$8.00.

**Kerosene Emulsion** (*Liquid*) (*Miscible Oil*). Dilutes 1 part to 20 parts of water. Per pt., 40c.; 75c. per qt.; gal., \$1.75.

**Lemon Oil Insecticide.** Effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per ½ gal.; gal., \$3.00; \$12.00 per 5-gal. keg.

**Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring. Per qt., 55c.; 85c. per ½ gal.; gal., \$1.25; \$4.50 per 5 gals.; ½ bbl. (30 gals.), \$11.50; \$15.00 per bbl. (50 gals.).

**Lime Sulphur** (*Dry Powder Form*). Lb., 40c.; \$1.40 per 5 lbs.; 10 lbs., \$2.25; \$4.75 per 25 lbs.; 50 lbs., \$7.75; \$15.00 per 100 lbs.

**Lotol.** A complete concentrated contact remedy for Aphis and many other insect pests. Per 1 oz. tube, 35c.; 75c. per 3 oz. tube.

**Mag-O-Tite.** Protects crops against the ravages of the root maggot and other garden pests. Per 2 lb., 40c.; 65c. per 4 lbs.; 8 lbs., \$1.10; \$3.00 per 25 lbs.

**Melrosine.** An efficient Rose Bug remedy. Per 6 ozs., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; per gal., \$6.00.

**Mo Lo.** For destroying and driving away moles. Per pkg., 25c.

**Nico-Fume** (*Liquid*). For use as a spray or vapor. Per ¼ lb., 85c.; \$2.50 per lb.; 4 lbs., \$8.50; \$16.00 per 8 lbs.

**Nico-Fume Paper.** A paper treated with nicotine. Per box of 24 sheets, \$1.50; \$5.75 for 144 sheets; 288 sheets, \$10.50.

**Nico-Fume Tobacco Powder.** For fumigating greenhouses. Per lb. can, \$1.35; \$5.00 for 5 lbs.; 10 lbs., \$9.00.

**Nicotine** (*Hall's*) (40%). Per ½ lb., \$1.50; \$4.75 per 2 lbs.; 8 lbs., \$16.00.

**Nicotine Fumigator** (*Hall's*) (12½%). Per 1 lb. size, \$1.35; \$2.75 per 2½ lb. size; 10 lb. size, \$9.00.

**Nikoteen** (30% solution). Per oz., 25c.; 45c. per 1¾ oz.; ½ lb., \$1.35; \$2.25 per lb.; 4 lbs., \$7.50; \$13.50 per 8 lbs.

**Paris Green.** Per ¼ lb., 18c.; 35c. per ½ lb.; lb., 60c.; \$2.75 per 5 lbs.; \$6.50 per 14 lbs.

**Para-Dichlorobenzene.** For peach tree borers. Per 1 lb. can, 75c.; \$2.75 per 5 lb. can; 10 lb. can, \$5.00; \$12.00 per 25 lb. keg; 50 lb. keg, \$22.00; \$41.00 per 100 lb. keg.

**Pyrox** (*Bowker's*). Per lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.50; \$7.00 per 25 lbs.; 50 lbs., \$12.50; \$21.00 per 100 lbs.; 300 lbs., \$58.50.

**Scalecide.** Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.50 per gal.; 5 gals., \$6.25; \$11.00 per 10 gals.; 30 gals., \$27.00; \$39.50 per 50 gals.

**Shoo Fly.** For keeping flies off cattle and horses. Per qt., 55c.; \$1.50 per gal.

**Slug Shot.** Per 1-lb. canister, 18c.; 60c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$11.00; full barrel lots (about 250 lbs.), 10c. per lb.

**Soap Spray** (*Imp.*). Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.

**Sulco V. B.** Will control San Jose and other scale insects, and many species of plant lice and fungous diseases. Pt., 35c.; 60c. per qt.; ½ gal., \$1.10; \$2.00 per gal.; 5 gal., \$7.00.

**Sulphate of Copper.** Per lb., 15c.; 65c. per 5 lbs.; 10 lbs., \$1.20; \$2.75 per 25 lbs.; 100 lbs., \$10.00.

**Sulphur.** Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$2.00 per 25 lbs.; 100 lbs., \$7.50.

**Sulphur Candles.** Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.65.

**Sunoco Spray Oil.** Per ½ gal., \$1.00; \$1.50 per gal.; 5 gals., \$5.75; \$12.00 per 15 gals.; 30 gals., \$20.00; \$26.00 per 50 gals.

**Tanglefoot Fly Spray.** Per ½ pt., 40c.; 65c. per pt.; qt., \$1.25; \$3.50 per gal.

**Thrip Juice** (*Hammona's No. 2*). Per pt., 85c.; \$1.40 per qt.; gal., \$4.25.

**Tobacco Dust** (*for dusting only*). Per 1 lb. can, with sifter top, 25c.; 40c. per 5 lbs.; 10 lbs., 60c.; \$1.35 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.

**Tobacco Dust** (*special dusting or fumigating*). A specially prepared article. Per lb., 10c.; 45c. per 5 lbs.; 10 lbs., 85c.; \$1.75 per 25 lbs.; 50 lbs., \$3.25; \$6.00 per 100 lbs.

**Tobacco Dust** (*Extra Fumigating*). Per 5 lbs., 75c.; \$1.35 per 10 lbs.; 25 lbs., \$3.00; \$10.00 per 100 lbs.

**Tobacco Soap** (*Sulpho*). Per 3 oz., 15c.; 25c. per 6 oz.

**Tobacco Stems** (*Fresh*). Per lb., 15c.; 50c. per 5 lbs.; bushel, \$1.00; \$1.75 per bbl. sack; large bales at 2½c. per lb.; ½ ton, \$17.00; \$32.00 per ton.

**Tobacco Stems, F & I** (*Shredded*). Per 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.; 1000 lbs., \$25.50; \$50.00 per ton.

**Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Per lb., 50c.; \$2.40 per 5 lbs.; 10 lbs., \$4.50; 25 lbs., \$9.25.

**Wilson's O. K. Plant Spray.** Per ½ pt., 40c.; \$1.00 per qt.; gal., \$3.00; \$11.50 per 5 gals.

**Worm Killer** (*for Earth Worms*). A powder which is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be destroyed. It acts as a fertilizer as well as worm destroyer. Per 100 lbs., \$4.00; \$19.00 per 500 lbs.; 1000 lbs., \$32.50; \$65.00 per 2000 lbs.

**Zenoleum.** A germicide and disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.; 5 gal. can, \$9.50.

Lamps for Vaporizing Nicotine Solutions. 85c. each.



All prices on Fertilizers subject to market changes.

**Acid or Rock Phosphate** (16 per cent.). Apply 1000 lbs. per acre. \$3.25 per 200 lbs.; ½ ton, \$13.50; \$23.00 per ton.

**Anti-Clover Fertilizer** (Michell's). Prevents the growth of White Clover on Golf Courses. 200 lb. bags only. \$8.00 per 200 lbs.; 1000 lbs., \$37.00; \$72.00 per ton.

**Ashes, Hard Wood.** Apply 1000 lbs. per acre. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; 1000 lbs., \$18.00; per ton, \$35.00.

**Asparagus Fertilizer.** Apply 800 lbs. per acre. 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.00 per 200 lbs.; 1000 lbs., \$22.50; ton, \$40.00.

**Bacteria, Farmogerm.** For all legumes. When ordering, please state for what crop you desire to use it. Price, trial size (for Beans, Peas and Sweet Peas), 50c.; 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00.

**Bacteria, Mulford Culture.** For inoculating clovers and other legumes. 35c. per trial bottle; ¼ acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.50; \$11.50 per 200 lbs.

**Blood Flour.** 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.25; \$13.00 per 200 lbs.

**Bon Arbor.** A concentrated chemical fertilizer used in liquid or powder form. Per lb., 65c.; \$3.00 per 5 lbs.

**Bone (Coarse Ground).** Apply 800 to 1000 lbs. per acre. 200 lbs., \$8.50; \$37.50 per 1000 lbs.; per ton, \$70.00.

**Bone Flour.** Finely pulverized and bolted. For rose growing this cannot be excelled. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$8.50 per 200 lbs.; 1000 lbs., \$37.50; \$70.00 per ton.

**Bone Meal (Michell's Special Grade).** We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 40c. for 5 lbs.; 10 lbs., 65c.; \$1.40 for 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.; 200 lbs., \$7.50; \$32.50 per ½ ton; ton, \$60.00.

**Carnation Food (Springfield).** Invigorates the root action of the plants and produces a natural growth. Per 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00.

**Chrysanthemum Manure (Thompson's Special).** Used and recommended by the leading private gardeners of England and America. Per 28-lb. sack, \$4.00; \$7.00 per 56-lb. sack.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. 28 lbs., \$3.75; \$6.25 per 56 lbs.; 112 lbs., \$12.00.

**Cotton Seed Meal.** Apply 800 lbs. per acre. Excellent as a grass and grain fertilizer. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.25; \$7.75 per 200 lbs.; 1000 lbs., \$36.00; \$70.00 per ton.

**Cow or Cattle Manure (Shredded).** Apply 1000 lbs. per acre. 5 lbs., 40c.; 65c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$16.25 per 500 lbs.; 1000 lbs., \$30.00; \$55.00 per ton.

**Cow or Cattle Manure (Pulverized).** \$3.50 per 100 lbs.; 500 lbs., \$16.25; \$30.00 per 1000 lbs.; ton, \$55.00.

**Du Pont Semesan.** For treating various seeds to hasten germination, control diseases and increase crop yields. 60c. per 2 oz. bottle; 4 oz. bottle, \$1.00; \$1.60 per 8 oz. can; 1 lb. can \$2.75; \$13.00 per 5 lb. can; 25 lb. can, \$62.50.

**Grass and Grain Fertilizer (Michell's).** Apply 800 to 1000 lbs. per acre. 200 lbs. for \$5.50; \$23.50 per 1000 lbs.; ton, \$45.00.

**Grass Grower (Michell's Odorless).** Highly desirable for Fairways and Putting Greens. In friction top cans, 10 lbs. net, \$1.00; \$7.50 per 200 lb. bag.; 1000 lbs., \$35.00; \$67.50 per ton.

**Hog Manure (Pulverized).** Splendid for forcing vegetables and flowering plants. Per 100 lbs., \$3.75; \$16.50 for 500 lbs.

**Horn Shavings.** Used principally for mixing in potting soil; especially valuable in chrysanthemum growing. 5 lbs., 65c.; \$1.10 for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs.; 100 lbs., \$7.00.

**Humus (Alphano Prepared).** Price, f. o. b., Philadelphia, 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 85c.; 50 lbs., \$1.35; \$2.25 per 100 lbs.; 500 lbs., \$10.00; \$15.00 per 1000 lbs.; 2000 lbs., \$25.00. Special prices quoted f. o. b. Alphano, N. J.

**Humus (Natural).** Excellent for top dressing lawns and golf course construction. Price in car lots only, \$7.00 per ton, f. o. b. Alphano, N. J.

**Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. Excellent for top dressing asparagus beds, etc. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 100 lbs.; 200 lbs., \$2.75; \$12.00 per 1000 lbs.; ton, \$22.00.

If small quantities of Fertilizers listed are wanted by parcel post, please add for postage as follows 15c. for 2 lbs.; 20c. for 5 lbs.; 30c. for 10 lbs.

**Land Plaster.** Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 85c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$3.75 for 200 lbs.; ½ ton, \$16.00; \$30.00 per ton.

**Lawn Sand.** A weed destroyer as well as a fertilizer. 3½ lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.50; \$4.00 per 28 lbs.; 56 lbs., \$6.50; \$12.50 per 112 lbs.

**Lime (Hydrated or Powdered).** Apply one ton per acre. 50c. per 10 lb. box; 125 lb. sack, \$2.50; \$9.00 per 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton.

**Limestone (Pulverized).** Apply one ton per acre. Per 100 lbs., \$1.50; \$6.00 per 500 lbs.; 100 lbs., \$10.00; \$17.50 per ton.

**Manure (Fresh Horse, Stockyard and Cow).** At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Price on request.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Analysis: Equal to 50 per cent. actual potash. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 for 50 lbs.; 100 lbs., \$4.75; \$8.00 for 200 lbs.; 1000 lbs., \$37.00; \$70.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs., 45c.; 85c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$4.75; \$9.50 per 200 lbs.; 1000 lbs., \$45.00; \$80.00 per ton.

**Phosphate (Michell's High-Grade).** Apply 800 to 1000 lbs. per acre. 5 lbs., 30c.; 55c. per 10 lbs.; 25 lbs., \$1.25; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; ½ ton, \$22.50; \$42.50 per ton.

**Phosphate for Corn (Michell's).** Apply 800 lbs. per acre \$5.00 for 200 lbs.; per ½ ton, \$21.00; \$40.00 per ton.

**Plant Food (Michell's).** A highly concentrated chemical fertilizer for house, garden or conservatory. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash, 2%. Per 5 oz. pkg., 20c. (by P. P., 25c.); 30c. per 12 oz. pkg. (by P. P., 40c.).

**Plant Life (Zenke's).** A liquid plant food, tonic and fertilizer. Per 8 oz., 30c. (by P. P., 40c.); \$3.50 per gal.

**Potato Fertilizer (Michell's).** Apply 800 to 1000 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; per 100 lbs., \$3.00; \$5.50 per 200 lbs.; per ½ ton, \$25.00; \$45.00 per ton.

**Poultry Manure (Pulverized).** A splendid fertilizer rich in ammonia and nitrogen. Per lb., 15c.; 25c. per 2 lbs.; 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.50.

**Rose Food (Springfield).** Rich in fertilizing elements for roses. Per 10 lbs., \$1.00; \$2.00 per 25 lbs.; 100 lbs., \$5.00.

**Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.25; \$13.00 per 1000 lbs.; ton, \$25.00.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; gives quick results. 2 lbs., 25c.; 40c. per 5 lbs.; 10 lbs., 65c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; per ton, \$55.00.

**Soot (Imported Scotch).** 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$7.00 per 112 lbs.

**Stim-U-Plant.** A plant food in tablet form. Per pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1000 tablets, \$3.50.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent. of ammonia. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.00; \$3.50 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.00 per 200 lbs.

**Tankage.** Usually applied to plants such as roses, etc., under glass. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.75 per 200 lbs.

**Tobacco Stems.** 60c. for 5 lbs.; bu., \$1.00; \$1.75 per bbl. sack; large bales at 2½c. per lb.; ½ ton, \$17.00; \$32.00 per ton.

**Tobacco Stems, F. & I. (Shredded).** 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. \$5.25 per 200 lbs.; ½ ton, \$23.75; \$45.00 per ton.

**Wonder Worker Fertilizer.** A high grade animal base fertilizer for growing all vegetable crops. Per 100 lbs., \$6.00; \$11.00 per 200 lbs.; 500 lbs., \$25.00; \$45.00 per 1000 lbs.; ton, \$80.00.

Please note. No smaller quantity of fertilizer than here offered can be supplied

(oa)

# MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan

Earthen  
Fern PanFern Dish  
Liner

Seed Pan

Wood Fibre  
Flower Vase

Cedar Tub

Keystone Tub

Earthen  
Flower Pot

Azalea Pot

Earthen  
Bulb PanEarthenware  
SaucerWood Fibre  
Saucer

Rolling Stand

## CEDAR TUBS

Equipped with Strong Iron Handles

These are made by hand, of the very best white cedar, painted green, bound with black iron hoops.

No.	Inside Diam.	Each
No. 0	24 3/4 in.	\$11.50
No. 1	23 3/8 "	10.50
No. 2	21 3/8 "	9.50
No. 3	18 1/4 "	7.50
No. 4	16 1/2 "	6.50
No. 5	14 7/8 "	5.75
No. 6	12 7/8 "	5.00
No. 7	11 3/4 "	4.25
No. 8	10 1/4 "	3.75

## MICHELL'S KEYSTONE

### PLANT TUBS

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 30c. per pair, not attached to tub.

No.	Inside Diam.	Depth	Each	By P.P.
1	6 in.	6 in.	\$0.75	\$0.90
2	7 "	7 "	.80	.95
3	8 "	8 "	.85	1.00
4	9 "	9 "	.90	1.05
5	10 "	9 "	.95	1.10
6	11 "	10 "	1.15	1.35
7	12 "	11 "	1.30	1.50
8	13 "	12 "	1.75	2.00
9	14 "	13 "	1.85	2.10
10	15 "	14 "	2.25	2.50
11	16 "	15 "	2.35	2.65
12	17 "	16 "	2.75	3.10
13	18 "	17 "	3.25	3.75
14	19 "	18 "	4.25	4.75
15	20 "	19 "	4.50	
16	21 "	20 "	5.50	
17	23 "	21 "	6.50	
18	25 "	23 "	8.00	

## PAPER FLOWER POTS

Ins.	P.P.	P.P.
Diam.	Doz. per doz.	100 per 100
2 1/4	\$0.12	\$0.17
2 1/2	.15	.20
3	.18	.23
3 1/2	.20	.25
4	.25	.35
5	.30	.40
6	.45	.55

## AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in.	4 1/2 in.	\$0.07	\$0.65	\$4.86
6 "	5 "	.09	.98	7.29
7 "	6 "	.15	1.62	12.15
8 "	7 "	.22	2.34	17.55
9 "	7 1/2 "	.33	3.60	27.00
10 "	8 "	.45	4.86	36.45
12 "	10 "	.91	9.90	74.25

## FERN DISH LINERS

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0.22	\$2.16	\$14.40

## EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.06	\$0.54	\$4.05
4 3/4 "	2 1/8 "	.07	.72	5.40
5 1/2 "	2 1/4 "	.09	.90	6.75
6 1/4 "	2 1/2 "	.10	1.08	8.10
7 "	2 5/8 "	.12	1.26	9.45
8 "	3 3/8 "	.17	1.80	13.50
9 "	3 1/4 "	.20	2.16	16.20

## EARTHEN BULB PANS

	Each	Doz.	100
6 inches diam.	\$0.09	\$0.98	\$7.29
7 "	.15	1.62	12.15
8 "	.22	2.34	17.55
9 "	.33	3.60	27.00
10 "	.45	4.86	36.45
12 "	.91	9.90	74.25
14 "	1.48	16.20	121.50

## WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Each	P.P.	Doz.
0	8 in.	13 in.	\$1.65	\$1.85	\$18.60
1	5 1/2 "	10 "	1.40	1.55	16.20
2	4 1/2 "	9 "	1.25	1.35	14.40
2	4 "	6 "	1.10	1.20	12.60
4	3 "	4 1/2 "	.90	1.00	10.20
11	5 "	18 "	1.95	2.15	22.00
22	4 1/2 "	15 "	1.75	1.90	20.00
33	4 "	12 "	1.60	1.70	18.00
44	3 "	9 "	1.25	1.35	14.00

## CUT FLOWER VASES

(Galvanized Iron)

No.	Top Diam.	Depth	Cap.	Each
65	7 1/2 in.	8 in.	8 Qt.	\$0.65
66	8 3/4 "	10 "	10 "	.80
67	7 3/4 "	12 "	12 "	.90
68	8 3/4 "	12 1/2 "	14 "	1.10
69	8 3/4 "	18 "	16 "	1.30
70	9 "	24 "	20 "	1.75

## EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch	\$0.02	\$0.17	\$1.22	\$11.48
2 "	.02	.18	1.02	9.56
2 1/4 "	.02	.18	1.16	10.84
2 1/2 "	.02	.18	1.35	12.75
3 "	.03	.24	1.76	16.58
3 1/2 "	.03	.29	2.16	20.40
4 "	.04	.36	2.70	25.50
4 1/2 "	.06	.49	3.65	34.43
5 "	.07	.65	4.86	45.90
5 1/2 "	.08	.81	6.08	57.38
6 "	.09	.98	7.29	68.85
6 1/2 "	.13	1.30	9.72	91.80
7 "	.15	1.62	12.15	
8 "	.22	2.34	17.55	
9 "	.33	3.60	27.00	
10 "	.45	4.86	36.45	
11 "	.66	7.20	54.00	
12 "	.91	9.90	74.25	
14 "	1.48	16.20	121.50	

## EUREKA POT HANGERS

20c. each; doz., \$2.00 (by parcel post, \$2.20); \$12.50 per 100.

## KRICK POT HANGERS

No.	Each	Doz.	P.P.
No. 1	\$0.07	\$0.75	\$0.85
No. 2	.08	.85	.95
No. 3	.09	.95	1.05

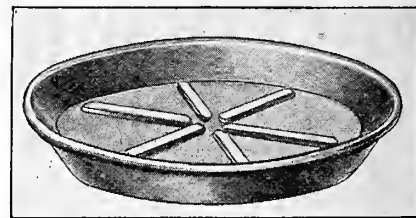
## EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches	\$0.03	\$0.27	\$2.03
5 "	.04	.36	2.70
6 "	.06	.54	4.05
7 "	.07	.72	5.40
8 "	.10	.99	7.43
9 "	.14	1.35	10.13
10 "	.15	1.62	12.15
11 "	.19	1.98	14.85
12 "	.23	2.43	18.23
14 "	.37	4.05	30.38

## WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

	Each	Doz.	100
5 inches	\$0.32	\$0.42	\$3.60
6 "	.34	.44	3.90
7 "	.37	.42	4.20
8 "	.39	.49	4.50
9 "	.43	.53	4.90
10 "	.46	.56	5.30
12 "	.55	.65	6.30
14 "	.74	.84	8.40
16 "	1.31	1.46	15.00
18 "	1.52	1.67	17.40
20 "	1.95	2.10	22.00

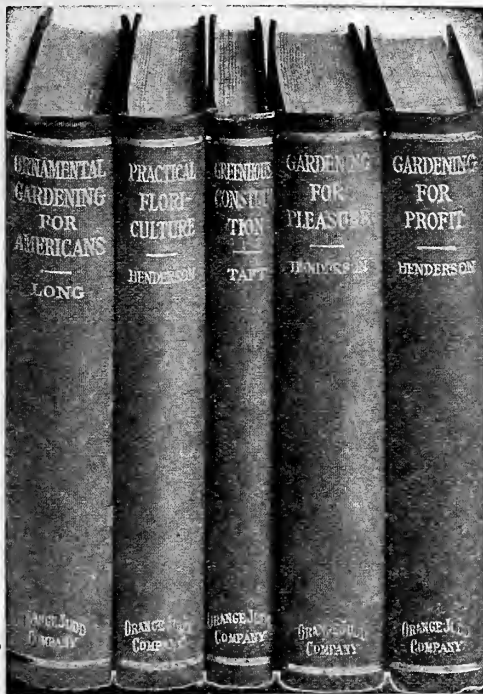


## RUBBER SAUCERS

Durable and waterproof.

No.	Each	Doz.	100
1 4 1/2 inch	\$0.15	\$0.20	\$1.50
2 5 1/4 "	.18	.25	1.75
3 6 1/4 "	.20	.30	2.00
4 7 1/4 "	.25	.35	2.50
5 9 1/2 "	.50	.60	5.50
6 10 1/4 "	.60	.70	6.50
7 12 3/4 "	.75	.90	8.00

Note—Earthenware cannot be packed for shipment by Parcel Post.



## BOOKS ON FLOWERS, VEGETABLES, ETC.

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Asparagus (Hexamer). Its culture. 174 pages...	1.00
Bean Culture (Sevey). A comprehensive book; 144 pages...	1.00
Berry Book (Biggle). Gives all details; 140 pages...	.55
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Celery Culture (Beatie). A practical guide; 150 pages...	1.00
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Fruit Culturist, American (Thomas). 758 pages...	3.70
Fruit Garden (Barry). A standard work; 516 pages...	2.45
Fruits and Vegetables Under Glass (Turner)...	5.20
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Garden Guide. A complete treatise on the garden; 360 pages. Cloth, \$1.65; Paper...	1.05
Gardening for Pleasure (Henderson). A guide to the amateur in the fruit, flower and vegetable garden; 404 pages...	2.15
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Landscape Gardening (Maynard)...	2.50

## BOOKS ON FLOWERS, VEGETABLES, ETC. (Continued)

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## BOOKS ON POULTRY, ETC.

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Poultry Houses and Fixtures. 112 pages...	1.10
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Use of Artificial Light to Increase Winter Egg production. 112 pages...	1.65
Wyandottes, The (Grevinstedt). All strains. 160 pages...	1.10

# MICHELL'S BIRD SEEDS, PET SUPPLIES, ETC.

It is very important that you make the proper selection of foods for your birds; pure, fresh, clean food is necessary at all times. Our bird seeds are of the highest quality, fresh and recleaned. Your feathered pets will thrive if you get your supplies in this line from us.



**Bird Manna.** Keeps Canary birds in prime condition and prevents the loss of song. Pkg., 15c.

**Canary Seed (Plain Sicily).** Recleaned and of splendid quality. Per lb., 20c. (by P. P., 30c.); 90c. per 5 lbs. (by P. P., \$1.10); 10 lbs., \$1.65 (by P. P., \$1.95).

**Canary Seed (Mixed).** A mixture of the finest quality and in proper proportions. Per lb., 20c. (by P. P., 30c.); 90c. per 5 lbs. (by P. P., \$1.10); 10 lbs., \$1.65 (by P. P., \$1.95).

**Catnip Balls.** A plaything and tonic for pussy. 20c. each.

**Cuttle Fish Bone.** Good for digestion and general health. Each 5c.; 20c. per 1/4 lb.; per lb., 60c. (by P. P., 70c.).

**Fish Food.** For aquariums. Standard and flakes. Per pkg., 15c.

**Hemp Seed.** Birds are very fond of this seed; it is rich and should be fed with discretion. Lb., 15c. (by P. P., 25c.); 5 lbs., 70c. (by P. P., 90c.); 10 lbs., \$1.30 (by P. P., \$1.60).

**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz., 5c.; 1/4 lb., 10c.; 30c. per lb. (by P. P., 40c.).

**Maw Seed.** Calculated to improve the song of canaries, etc. 1/4 lb., 10c.; lb., 25c. (by P. P., 35c.); 5 lbs., \$1.10 (by P. P., \$1.30).

**Millet Seed (Imported).** Recleaned seed; nutritious and appetizing. Lb., 12c. (by P. P., 20c.); 5 lbs., 55c. (by P. P., 75c.); 10 lbs., \$1.00 (by P. P., \$1.30).

**Parrot Food (Spratt's).** 20c. per pkg. (by P. P., 25c.); \$2.00 per doz. pkgs.

**Rape Seed.** Will keep the birds in excellent condition; feed with canary seed. Lb., 15c. (by P. P., 25c.); 5 lbs., 70c. (by P. P., 90c.); 10 lbs., \$1.30 (by P. P., \$1.60).

**Sand.** For bird cages. Red, fine. Pkg., 10c. (by P. P., 20c.); \$1.00 per doz. pkgs.

**Sand.** Silver, fine. Pkg., 10c. (by P. P., 20c.); \$1.00 per doz. pkgs.

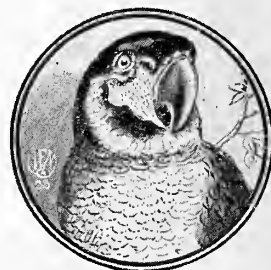
**Sand or Gravel.** Silver; coarse; for parrots' cages. 10c. per pkg. (by P. P., 20c.); doz. pkgs., \$1.00.

**Song Restorer.** For Canaries; revives the desire to be lively and sing more lustily. Price, 15c. per bottle; doz., \$1.50.

**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 15c. per lb. (by P. P., 25c.); 70c. per 5 lbs. (by P. P., 90c.); 10 lbs., \$1.35 (by P. P., \$1.65); \$3.25 for 25 lbs.

**Unhulled Rice.** Lb., 20c. (by P. P., 30c.); 5 lbs., 75c. (by P. P., 95c.); 10 lbs., \$1.35 (by P. P., \$1.65).

**Prices on Bird Seed** in larger quantities quoted on application.



## SEMESAN

### A Mercuric Disinfectant

Semesan is one of the most remarkable chemicals developed by modern science. It will completely kill or control the many diseases borne on the surface coats of even the finest selected seeds and yet at the same time in no way injure the delicate germ life of the seeds treated. In fact, Semesan stimulates seeds and bulbs to a growth, vigor and fruition that far exceeds the capabilities of their progenitors.

Every farmer, trucker, florist and home-gardener should disinfect his seeds with Semesan before planting, to rid them of their surface-borne diseases, to increase and accelerate their germination, to improve seedling growth, to produce better plant stands and to secure earlier maturity as well as both better quality and quantity of finished crops.

Of all the suggested remedies for the malignant grass disease called "Brown Patch," Semesan alone has been successful, spectacularly so, and is now used throughout the country both to prevent and cure attacks of this parasite on golf greens, turf tennis courts, baseball diamonds and estate lawns.

Treatments with Semesan are simple and effective. Either dust the seeds or bulbs with one-half to one ounce of powdered Semesan for each 15 pounds of seeds, or immerse them in a 0.25% concentration of liquid Semesan for 15 minutes to two hours. This solution is made by stirring one ounce of Semesan with just enough water to make a paste and then diluting the paste with three gallons of water.

Price, 30c. per 2 oz. bottle; 4 oz. bottle, \$1.00; \$1.60 per 8 oz. can; 1 lb. can, \$2.75; \$13.00 per 5 lb. can; 25 lb. can, \$62.50.



## F & I FERTILIZER AND INSECTICIDE

### AS A FERTILIZER

"F & I" is rich in plant foods needed to promote healthy growth. It has 6 to 8 times the fertilizing value of stable manure and is more economical to use. It is more desirable than chemical fertilizers because it will not "burn" the plants. It has no objectionable odor and is free from weed seeds.

The fertilizing elements in "F & I" are in a readily available form and consequently the plants begin to show the benefits of the preparation immediately after application. Because of the rather coarse texture of the compound, its action is extended over a period, giving continuous fertilization to the plants.

Analysis as a Fertilizer: Nitrogen, 2.07%; Ammonia Equivalent, 2.50%; Phosphoric Acid, 50%; Potash, 3.00%.

### AS AN INSECTICIDE

"F & I" is an effective insecticide that destroys such pests as rose midge, strawberry beetle, root aphid, etc., and controls green fly, thrip, aphid and all soft-bodied sucking insects. It kills the larvae and prevents the insects from reaching maturity, thus cutting down the need for frequent fumigating. The strong insecticidal action of "F & I" is due to its high nicotine content and the available condition of the nicotine. There is no other preparation on the market that is so effective in combatting the ravages of plant insects.

Analysis as an Insecticide: Nicotine, 1%; Inert Ingredients, 99%.

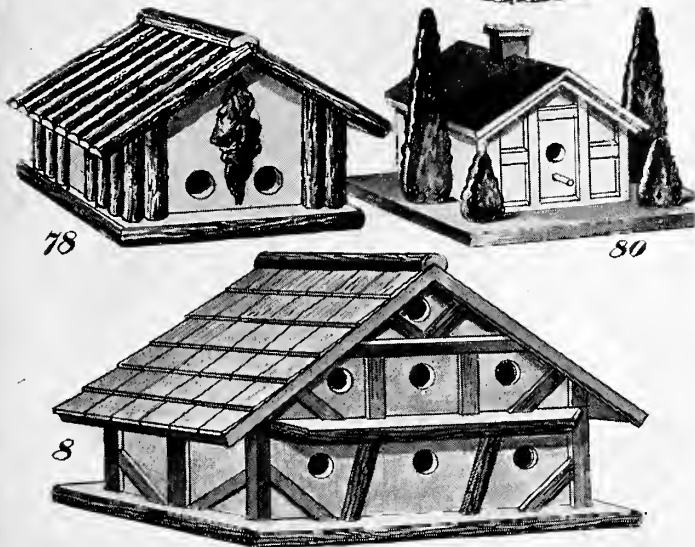
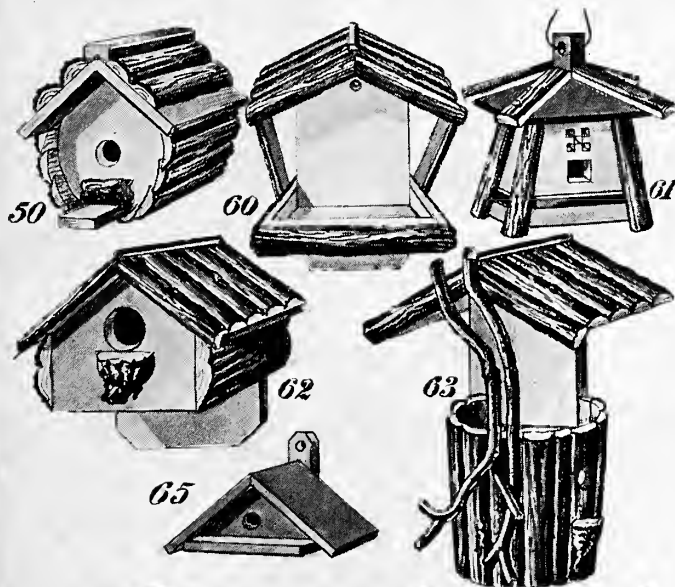
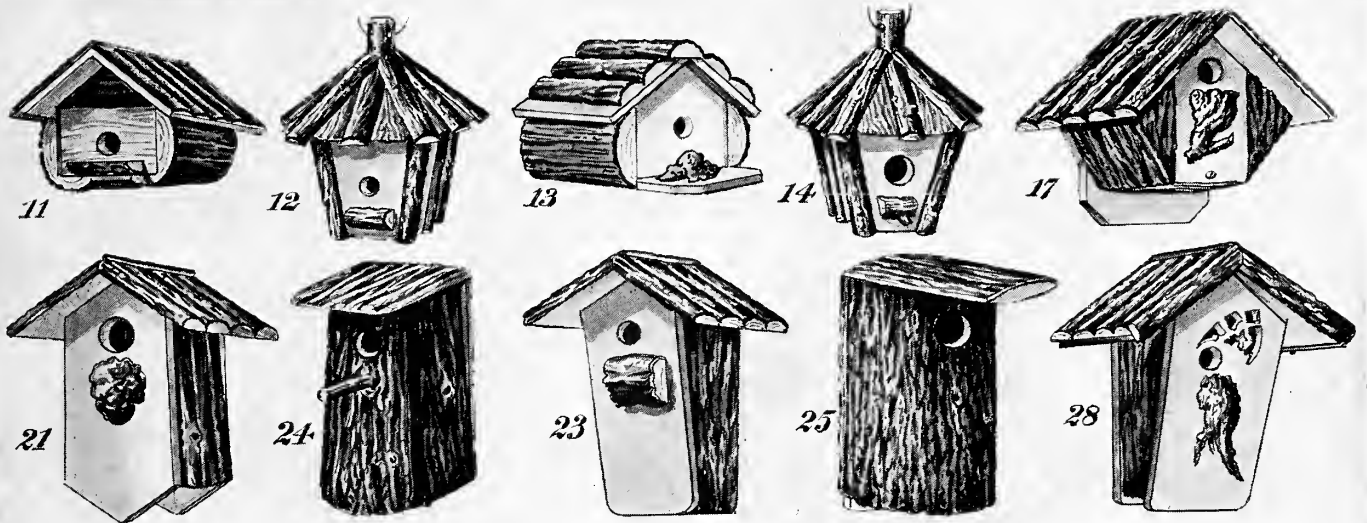
Price, 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$13.00 per 500 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

(oa)



# MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES



Comparatively few of us recognize the great economic value of birds. Particularly the blue birds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about in the garden and farm or in orchards. As rent, these grateful birds pay amply, destroying millions of insects annually. If you put up bird houses in the autumn or before the birds arrive in the spring you may be able to keep birds with you all winter if you provide them with shelter and food.

No.		Price Each	P. Post Each
8.	Martin House. 14 rooms (not mailable).	\$18.00	
11.	Wren House.	1.75	\$2.00
12.	Wren House.	1.75	2.00
13.	Wren House.	1.75	2.00
14.	Wren or Bluebird House.	1.75	2.00
17.	Wren House.	1.50	1.75
21.	Bluebird House.	1.75	2.00
23.	Wren House.	1.75	2.00
24.	Wren House.	1.75	2.00
25.	For Woodpeckers, Chickadees, Nuthatches, etc.	1.75	2.00
28.	Wren House Beautiful.	2.00	2.25
50.	Wren House. Swinging.	1.50	1.75
60.	Robin House.	1.75	2.00
61.	Wren House. Swinging.	1.75	2.00
62.	Bluebird House.	1.75	2.00
63.	Wren and Robin House.	2.25	2.50
65.	Maryland Wren Box.	.50	.70
78.	Martin House. 4 rooms.	5.00	5.60
80.	Wren House.	2.00	2.25

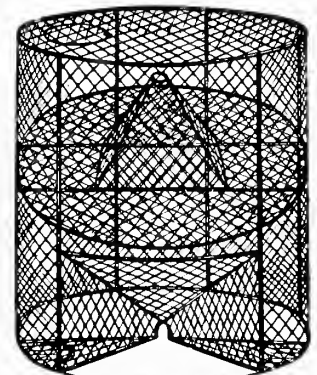
## SQUIRREL HOUSE

The trouble with ordinary squirrel houses is, that all sorts of birds will try to build in them, particularly the sparrow. This house is arranged so that no birds will try to use it, the hole is on the bottom. A narrow passage leads up to another opening leading over into a snug room for the squirrel's storehouse and nesting place. Put high up in crotch of a tree. Price, \$5.50 (by P. P., \$6.00).

## SPARROW TRAP

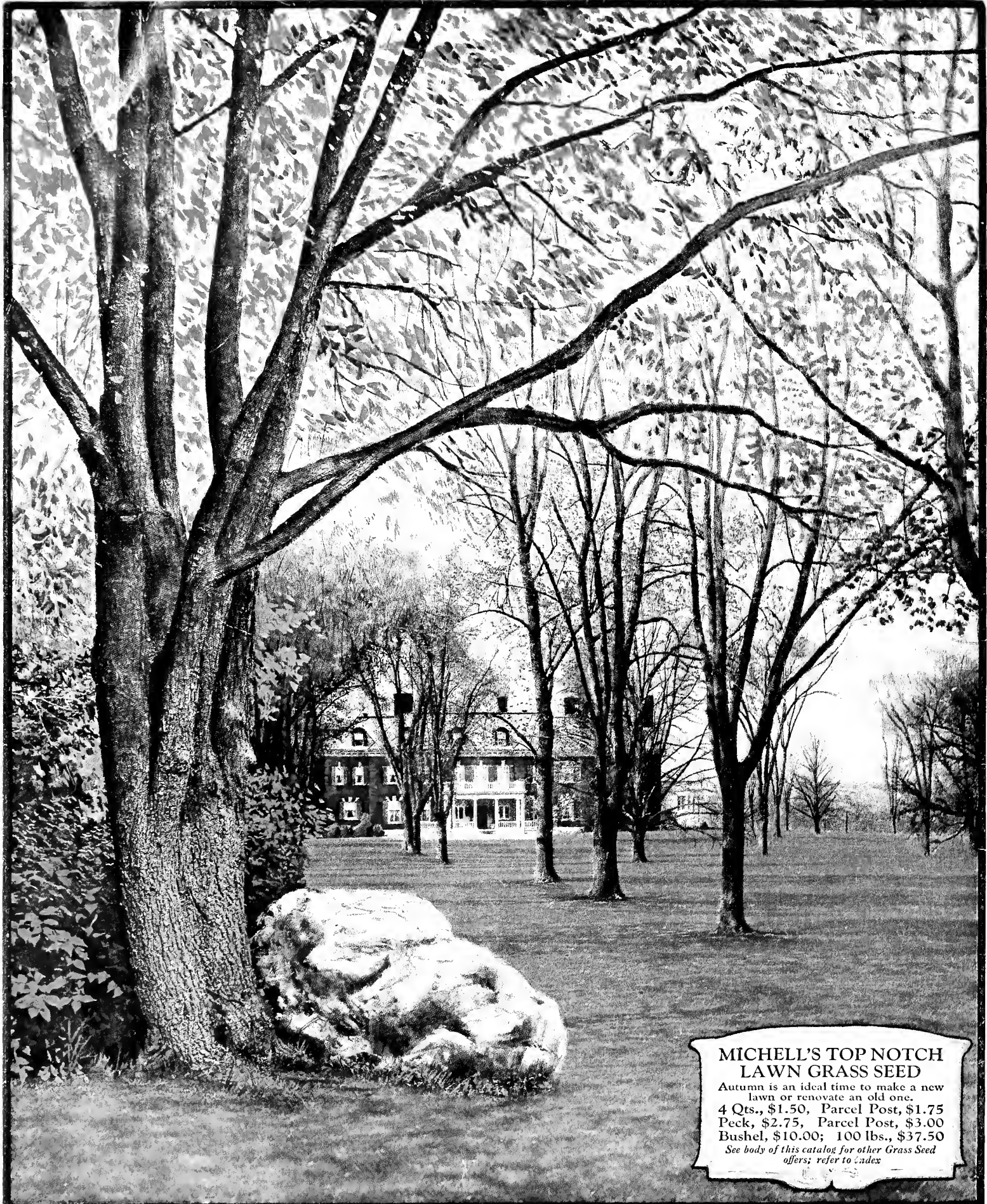
(Wire)

We have tried this out and found it to be the best trap made. Scatter a little cracked corn and set trap right over it. You'll be surprised at the catch. \$6.00 each (by P. P., \$6.50).



Sparrow Trap

PARCEL POST CHARGES COVER POSTAGE AND SPECIAL PACKING REQUIRED



**MICHELL'S TOP NOTCH  
LAWN GRASS SEED**

Autumn is an ideal time to make a new lawn or renovate an old one.

4 Qts., \$1.50, Parcel Post, \$1.75

Peck, \$2.75, Parcel Post, \$3.00

Bushel, \$10.00; 100 lbs., \$37.50

*See body of this catalog for other Grass Seed offers; refer to index*

**HENRY F. MICHELL CO.** 518-516 MARKET ST. **PHILA., PA.**